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November 20, 2003

DAVID A. O'CONNOR
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VIA HAND DELIVERY

Marlene H. Dortch, Esq., Secretary
Federal Communications Commission
445 Twelfth Street, S.W.
Washington, D.C. 20554

Attention: Audio Division, Media Bureau

Re: Amendment of Section 73.202(b), Table of Allotments,
FM Broadcast Stations, Channel 223C3, Willcox, Arizona
Petition for Rulemaking

Dear Ms. Dortch:

Transmitted herewith, on behalf of Calvary Chapel of Tucson, are an original and four (4) copies of its Petition for Rulemaking to amend the FM Table of Allotments in order to designate Channel 223C3 allotted to Willcox, Arizona as a reserved channel for noncommercial educational FM service.

An extra copy of the filing is enclosed. Please date-stamp the extra copy and return it to the courier.

Should you have any questions, please contact the undersigned.

Respectfully submitted,

HOLLAND & KNIGHT LLP

David A. O'Connor
Counsel for Calvary Chapel of Tucson

Enclosure

cc: Rolanda F. Smith, Audio Division

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BEFORE THE
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

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Federal Communications Commission
Office of Secretary

In the Matter of)
Amendment of Section 73.202(b)) RM _____
Table of Allotments,)
FM Broadcast Stations,) MB Docket No. _____
(Channel 223C3, Willcox, Arizona))

To: Chief, Audio Division, Media Bureau

PETITION FOR RULEMAKING

Calvary Chapel of Tucson ("Calvary Tucson"), by its attorneys and pursuant to Sections 1.401 and 73.202(a) of the Commission's rules, 47 C.F.R. §§ 1.401, 73.202(a), hereby respectfully petitions the Commission for modification of the Commission's Table of Allotments for FM Broadcast Stations, 47 C.F.R. § 73.202(b).¹ Specifically, Calvary Tucson requests that non-reserved FM channel 223C3 allotted to Willcox, Arizona be reserved only for noncommercial educational ("NCE") broadcasting, and that the Commission modify the FM Table of Allotments as follows:

¹ In a Public Notice released on September 30, 2003, the Commission announced that it would accept "reservation showings" until November 21, 2003 for various vacant FM allotments. See *Media Bureau Opens Window to Permit Noncommercial Educational Reservation Showings for Certain Vacant Allotments*, Public Notice, DA 03-2990 (rel. Sept. 30, 2003). In Attachment A to the Public Notice, Channel 223C3, allotted to Willcox, Arizona is listed as a vacant FM channel for which the Commission would accept a reservation showing. See *id.* at A-1 (No. 30). The reservation showing contained herein is made for Channel 223C3 allotted to Willcox, Arizona, and is timely filed under Commission rules.

Existing Section 73.202(b)

...

Arizona

Willcox.....223C3, 285C2

...

Proposed New Section 73.202(b)

...

Arizona

Willcox.....*223C3, 285C2

...

A Technical Statement, attached as Exhibit 1 hereto, demonstrates that Calvary Tucson's proposal fully complies with the Commission's technical rules. Specifically, the Technical Statement demonstrates that Calvary Tucson's proposal is consistent with paragraphs 34-40 of the Commission's *NCE Second Report and Order* and satisfies the two criteria set forth therein.²

NEW FIRST OR SECOND SERVICE

The proponent of an NCE reservation showing must demonstrate that maximum class facilities at the proposed allotment site would provide a first or second NCE service to at least ten percent of the population within the proposed station's service area, and that such population is at least 2000 persons.³ The Technical Statement demonstrates that more than 11,000 persons would receive a new first or second NCE FM service under Calvary Tucson's proposal. That

² *Reexamination of the Comparative Standards for Noncommercial Educational Applicants*, MM Docket No. 95-31, *Second Report and Order*, FCC 03-44, 18 FCC Rcd 6691 (rel. Apr. 10, 2003) ("Second Report and Order").

³ *Id.* para. 34.

represents *more than 99.9 percent* of the total population within the proposed station's service area.⁴

The percentage of persons that would receive a new first or second NCE FM service under Calvary Tucson's proposal is considerably more than the minimum of 10% of the total population which the Commission requires.⁵ Furthermore, the number of persons that would be served by the proposed station is well over the required minimum of 2000 persons.⁶ Accordingly, the NCE service standards set forth in the *Second Report and Order* are satisfied.

TECHNICAL PRECLUSION

The Commission also requires a reasonable demonstration that NCE service is technically impermissible from a currently reserved NCE channel.⁷ The Technical Statement demonstrates, "to a reasonable degree of certitude,"⁸ the technical preclusion of a compliant, NCE reserved band Class C3 FM facility, at minimum height above average terrain ("HAAT") and with minimum effective radiated power ("ERP"), in the proposed station's service area. Using the "reliable and efficient proxy of technical preclusion" endorsed by the Commission in the *Second Report and Order*,⁹ the Technical Statement establishes the presumption

⁴ As set forth in the Technical Statement, the total population in the proposed station's service area is 11,118. *See Exhibit 1 at 2.*

⁵ *See Second Report and Order*, para. 34.

⁶ *See id.*

⁷ *Id.* para. 35.

⁸ *Id.* para. 33.

⁹ *See id.* para. 35.

that such an NCE reserved band facility for Willcox, Arizona would be technically precluded.

PUBLIC INTEREST SHOWING

A grant of this Petition would serve the public interest because Calvary Tucson's proposal would substantially further the fair, efficient and equitable distribution of service by helping to bring a new NCE FM station to the Willcox, Arizona community. Such a fair, efficient and equitable distribution of service is specifically mandated by Section 307(b) of the Communications Act of 1934, as amended.¹⁰

DECLARATION

Also attached is a Declaration from Robert Furrow, President of Calvary Tucson, affirming that Calvary Tucson will apply for the Channel 223C3 Willcox allotment if changed as proposed.

¹⁰ 47 U.S.C. § 307(b).

CONCLUSION

Calvary Tucson has satisfied all criteria necessary to a reservation showing. Therefore, the Commission should grant this Petition and issue an appropriate Notice of Proposed Rule Making to reserve Channel 223C3 allotted to Willcox for noncommercial educational broadcasting.

Respectfully submitted,

CALVARY CHAPEL OF TUCSON



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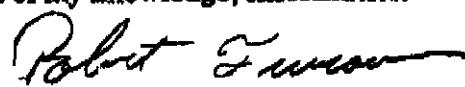
November 20, 2003

DECLARATION

I, Robert Furrow, declare as follows:

1. I am President of Calvary Chapel of Tucson ("Calvary Tucson"), the petitioner in this proceeding.
2. Calvary Tucson intends to apply for a construction permit for Channel 223C3 upon adoption of the proposed rule making, as proposed herein, amending Section 73.202, Table of Allotments, FM Broadcast Stations (Willcox, Arizona).
3. If awarded the construction permit for Channel 223C3, Calvary Tucson will construct and operate such facilities pursuant to its terms and conditions.

I hereby declare, under penalty of perjury, that the statements made in this declaration are true and accurate to the best of my knowledge, information and belief.



Robert Furrow

November 20, 2003

EXHIBIT 1

**TECHNICAL
STATEMENT**

1386315_v1

KESSLER AND GEHMAN ASSOCIATES, INC.

Willcox, AZ

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ENGINEERING TECHNICAL STATEMENT PREPARED BY WILLIAM T. GODFREY OF THE FIRM KESSLER AND GEHMAN ASSOCIATES, INC. TELECOMMUNICATIONS CONSULTING ENGINEERS IN SUPPORT OF A PETITION FOR RULEMAKING TO RESERVE THE VACANT COMMERCIAL FM CHANNEL 223C3 WILLCOX, AZ¹ ALLOTMENT BY DEMONSTRATING THAT THE APPLICANT IS TECHNICALLY PRECLUDED FROM USING A RESERVED CHANNEL PURSUANT TO THE SECOND REPORT AND ORDER RELEASED ON APRIL 10, 2003 IN THE MATTER OF REEXAMINATION OF COMPARATIVE STANDARD FOR NONCOMMERCIAL EDUCATIONAL APPLICANTS., FCC 03-44.

The firm Kessler and Gehman Associates, Inc. has been retained by Calvary Chapel of Tucson to prepare engineering studies and the engineering portion of a Petition for Rulemaking ("PFRM") to reserve the vacant commercial FM Channel 223C3 Willcox, AZ allotment.

Discussion

This PFRM for reservation of the commercial FM Channel 223C3 Willcox, AZ allocation satisfies the first or second noncommercial educational ("NCE") service criteria and the technical preclusion criteria.

I. First or Second Service Showing

All noncommercial and commercial FM allocations, licenses, construction permits which have a transmitter site within a minimum safe search radius² from the allocated site are listed in Exhibit 1 along with any affected TV Channel 6 stations. The first or second service criteria do not require FM applications or allocations to be considered. Accordingly, Exhibit 1 depicts the FM applications and allocations with a strikethrough so that they would not be considered. Obviously, the commercial sites were not applicable and were not considered in the study.

Exhibit 2 is a map depicting the transmitter sites and the 1 mV/m service contours of all the applicable NCE-FM stations located within the minimum safe search radius. The areas within the maximum class facility's 1 mV/m service contour at the proposed allotment site that would be considered a first or

¹ See Public Notice, No. 30 (Willcox, AZ Channel 223C3), Released Sept. 30, 2003)

² The following distances were added together to formulate a "safe search radius"

- 1) Maximum distance to 1 mV/m contour for a maximum allowable facility in the applicable zone pursuant to section 73.211,
- 2) Maximum distance to the 1 mV/m contour for Class of the allocation pursuant to section 73.211,
- 3) An additional 30 km buffer was added for a "safety factor"

KESSLER AND GEHMAN ASSOCIATES, INC.

Willcox, AZ

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second service were depicted in Exhibit 2. It can be seen that there were areas within the service contour ranging from first service to third service. The population study calculated the total population within the maximum class facility's 1 mV/m service contour for Willcox, AZ to be 11,118 persons. The shaded area depicted in Exhibit 2 overlaps the areas within the Willcox, AZ 1 mV/m contour where there is at least a third service or more. The total population within the shaded area is predicted to be only 9 persons. Therefore, the total population within the proposed Willcox, AZ maximum facility contour that would receive a first or second NCE-FM service is predicted to be 11,109 persons which is greater than 10% of the population within the proposed station's service area and is greater than the minimum required population of 2,000 persons. All population counts were calculated using U.S. Census 2000 data.

It has been shown that the proposed Willcox, AZ station would meet the first or second service requirements; however a reservation request must also include a technical preclusion showing in order to establish that no rule-compliant facility could be authorized on any reserved band channel. Upon satisfying these criteria, it would be considered presumptively established that the allotment should be reserved based on the fact that a non-reserved band FM station licensed to the proposed community with the proposed class facilities would be technically precluded from providing service on a reserved band channel.

II. Technical Preclusion of New NCE Service

Pursuant to paragraph 35³, of the Second Report and Order released on April 10, 2003, technical preclusion showings have been prepared to provide a reliable and efficient proxy of technical preclusion.

Exhibit 3 depicts a circle centered at the allotted Willcox, AZ transmitter site and drawn with a radius of 38 km, which is one kilometer less than the distance to the predicted 60 dBu signal strength of a maximum Class C3 facility. Exhibit 3 also depicts the four equally-spaced locations on the circle, beginning with zero degrees. The coordinates were determined and documented at the four equally-

³ The Second Report and Order states: "[A] showing will be based on a circle, centered in the proposed community of license and drawn with a radius one kilometer less than the distance to the predicted 60 dBu strength signal of a maximum same-class facility. The reservation showing must establish that no rule-compliant facility can be authorized at maximum antenna height above average terrain ("HAAT") and with maximum effective radiated power ("ERP") on any reserved band channel at four equally-spaced locations on the circle, beginning with 0 (zero) degrees. In addition, the reservation showing must establish that no same-class rule-compliant facility can be authorized at minimum antenna HAAT and with minimum ERP on any reserved band channel at the city center coordinates for the community of license."

KESSLER AND GEHMAN ASSOCIATES, INC.

Wilcox, AZ

PAGE 3

spaced locations and interference studies were performed at each location using the authorized maximum antenna HAAT and maximum ERP for a Class C3 facility. The center of the circle is plotted at the allotted transmitter site and interference studies were performed at that transmitter site using the authorized minimum antenna HAAT and minimum ERP for a Class C3 facility.

Exhibit 4 is the result of a preclusion study⁴ conducted at the allotted transmitter site using minimized facilities for its station class⁵. The exhibit demonstrates preclusion for all NCE-FM channels. It can be seen that the proposed allotted facility's transmitter site would be located 48.3 km inside the KUAT-TV Channel 6 F(50,50), 47 dBuV/m Grade B contour and would cause interference to the TV Channel 6 station⁶. Therefore, it has been demonstrated that all 20 NCE-FM channels would be precluded at this site.

Exhibit 5 is the result of a preclusion study conducted at a site located 38 km at 0 (zero) degrees from the allotted transmitter site using the authorized maximum antenna HAAT of 100 meters and the maximum ERP of 25 kW for a Class C3 facility. It can be seen that the proposed allotted facility's transmitter site would be located 46.7 km inside the KUAT-TV Channel 6 F(50,50), 47 dBuV/m Grade B contour and would cause interference to the TV Channel 6 station. Therefore, it has been demonstrated that all 20 NCE-FM channels would be precluded at this site.

Exhibit 6 is the result of a preclusion study conducted at a site located 38 km at 90 degrees from the allotted transmitter site using the authorized maximum antenna HAAT of 100 meters and the maximum ERP of 25 kW for a Class C3 facility. It can be seen that the proposed allotted facility's transmitter site would be located 11.1 km inside the KUAT-TV Channel 6 F(50,50), 47 dBuV/m Grade B contour and would cause interference to the TV Channel 6 station. Therefore, it has been demonstrated that all 20 NCE-FM channels would be precluded at this site

Exhibit 7 is the result of a preclusion study conducted at a site located 38 km at 180 degrees from the allotted transmitter site using the authorized maximum antenna HAAT of 100 meters and the maximum ERP of 25 kW for a Class C3 facility. It can be seen that the proposed allotted facility's transmitter site would be located 29.1 km inside the KUAT-TV Channel 6 F(50,50), 47 dBuV/m Grade B contour

⁴ pursuant to section 73.509 and 73.507

⁵ pursuant to section 73.211(a)

⁶ pursuant to section 73.525

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Hemet, CA

PAGE 4

ERP of 6 kW for a Class A facility. It can be seen that the proposed facility at this site would cause interference to NCE-FM stations on all 20 NCE-FM channels.

Conclusion

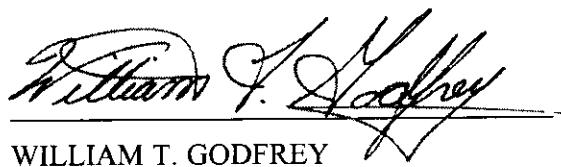
It is herein demonstrated that the proposed Hemet, CA facility would meet the first or second service requirements and that a new NCE-FM station on any reserved channel between 201 and 220 would be considered "technically precluded" based on the fact that no rule-compliant facility could be authorized on any reserved band channel at, or in near proximity to, the allotted Hemet, CA transmitter site. Hence, the need for a NCE-FM service in the proposed service area has been demonstrated and accordingly, pursuant to the Second Report and Order released on April 10, 2003 in the matter of Reexamination of Comparative Standard for Noncommercial Educational Applicants, the Hemet, CA Channel 273 Class A allotment should be reserved for non-commercial use.

Certification

This technical statement was prepared by William T. Godfrey, Telecommunications Consultant with Kessler and Gehman Associates, Inc. having offices in Gainesville, Florida and has been working in the field of radio and television broadcast consulting since 1998. He graduated from the University of North Florida with a Bachelor of Arts degree in Criminal Justice and a minor in Mathematics in 1993. As a Professional in the field of Telecommunications he states under penalty of perjury that the information contained in this report is true and correct to the best of his knowledge and belief

The logo consists of the letters 'KGA' in a stylized, bold font, with horizontal lines extending from the left and right sides of the 'K' and 'A' respectively.

KESSLER AND GEHMAN ASSOCIATES, INC



WILLIAM T. GODFREY
Telecommunications Consultant

18 November, 2003

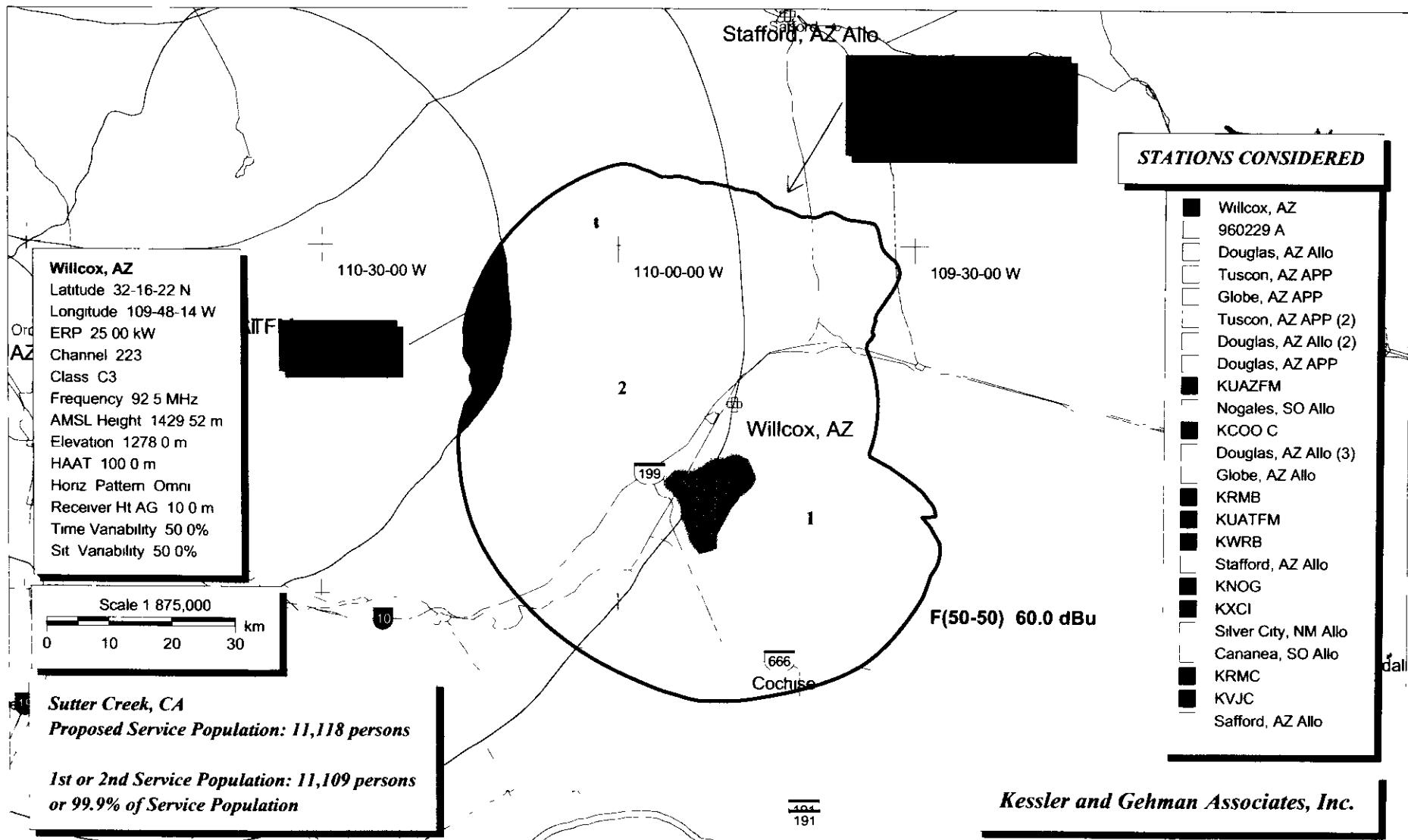
Willcox, AZ Channel 223 Class C3

201C2 Mammoth	AZ 960229	32.415	110.7156	0.16	1083	APP	87.26	280.7056	52
201C Douglas	AZ ALLO	31.34333	109.5525	100	600	VAC	105.77	166.9889	92
202A Tucson	AZ 960712	31.90528	110.4522	0.25	165	APP	73.53	236.3881	28
203A Globe	AZ 960712	33.29361	110.8358	0.024	1032	APP	148.87	319.9178	28
203A Tucson	AZ 960517	32.00306	110.7969	1.5	125	APP	98.36	252.4805	28
203A Tucson	AZ 960517	32.00306	110.7969	3	125	APP	98.36	252.4805	28
205A Douglas	AZ ALLO	31.34333	109.5525	6	100	VAC	105.77	166.9889	28
205A Tucson	AZ 951208	32.61555	110.6442	1.8	8	APP	87.68	296.0232	28
206A Tucson	AZ KUAZFM	32.3725	111.0978	3	3	LIC	122.34	275.5569	28
206A Tucson	AZ KUAZFM	32.21472	111.0058	1.6	187	APP	113.46	367.0522	28
208C Nogales	SO ALLO	31.33111	110.9436	100	600		150.18	326.1101	92
210C Coolidge	AZ KCOO.C	33.28222	110.82	16	1059	CP	146.95	320.0316	92
211A Douglas	AZ ALLO	31.34333	109.5525	6	100	VAC	105.77	166.9889	28
211A Globe	AZ ALLO	33.39556	110.7847	6	100	VAC	154.72	323.9855	28
211A Bisbee	AZ KRMB	31.48111	109.9583	0.047	685	LIC	88.99	189.4477	28
213C Tucson	AZ KUATFM	32.41528	110.715	12.5	1091	LIC	87.22	280.7318	92
215A Bisbee	AZ KWRB	31.48111	109.9583	0.058	676	LIC	88.99	189.4477	28
215C2 Sierra Vista	AZ KW RB.A	31.48278	109.9581	0.99	638	APP	88.8	189.4501	52
215C Safford	AZ ALLO	32.83333	109.7158	100	600	VAC	62.71	7.518444	92
216A Nogales	AZ KNOG	31.35917	110.8983	3	49	LIC	144.91	225.799	28
217C2 Tucson	AZ KXCI	32.415	110.7156	0.34	1110	LIC	87.26	280.7056	52
217A Silver City	NM ALLO	32.77	108.2781	6	100	VAC	153.6	68.46089	28
218A Cananea	SO ALLO	30.96194	110.3169	3	100		153.33	198.5685	28
219A Douglas	AZ KRMC	31.34778	109.4783	3	72	LIC	107.1	163.2628	28
220C2 Globe	AZ KVJC	33.29361	110.8358	0.66	1035	LIC	148.87	319.9178	52
220A Safford	AZ ALLO	32.83333	109.7158	6	100	VAC	62.71	7.518444	28
221C2 Green Valley	AZ KFMA	32.00306	110.7969	50	150	LIC	98.36	252.4805	52
222A Bisbee	AZ KWCD	31.48111	109.9583	0.05	676	LIC	88.99	189.4477	28
223C3 Willcox	AZ ALLO	32.27278	109.8039	25	100	VAC	0.0	39	
223A Santa Cruz	SO ALLO	31.23278	110.6014	3	100		137.9	213.3172	28
225C2 Silver City	NM KSCQ	32.84444	108.2383	11.5	312	LIC	160.12	66.15586	52
225C Tucson	AZ KOYT	32.24889	111.1164	93	621	LIC	123.7	269.1174	92
227C Cananea	SO ALLO	31.05583	110.3811	100	600		145.66	202.1367	92
227C Cananea	SO XHSCAF	31.05583	110.3811	15.2	1009	OPE	145.66	202.1367	92
229C Tucson	AZ KRQQ	32.24889	111.1158	94	619	LIC	123.65	269.1167	92
231C1 Safford	AZ RDEL	32.65028	109.8481	100	299	DEL	42.07	354.374	72
231C1 Safford	AZ KXKQ	32.65028	109.8481	1	1307	LIC	42.07	354.374	72
231C2 Globe	AZ RADD	33.29361	110.8358	50	150	ADD	148.87	319.9178	52
232A Huachuca City	AZ ALLO	31.54167	110.3889	6	100	VAC	98.15	214.3414	28

232C2	Safford	AZ RADD	32.85056	109.5375	50	150	ADD	68 78	21 16375	52
233A	Naco	SO ALLO	31.33139	109.9514	3	100		105.36	187 6239	28
234A	Cananea	SO ALLO	30.9825	110.3003	3	100		150.67	198.2682	28
235B1	Fronteras	SO R---	30.86639	109.5583	25	100	ADD	157.73	171 4743	39
235C	Tucson	AZ KMXZFM	32.24889	111.1164	100	595	LIC	123.7	269.1174	92
236C1	Santa Clara	NM KNUW.A	32.86306	108.2411	7.7	472	APP	160.69	65.43945	72
236C1	Santa Clara	AZ ALLO	32.86306	108.2411	100	299	RSV	160.69	65.43945	72
237C	Tombstone	AZ ALLO	31.81667	110.0917	100	600	RSV	57.42	208.2148	92
237C2	Douglas	AZ KCDQ.A	31.48028	109.9589	1.65	677	APP	89 09	189.471	52
237C1	Santa Clara	NM KNUW	32.86306	108.2411	7.7	472	LIC	160.69	65.43945	72
237C2	Douglas	AZ KCDQ.A	31.48195	109 9597	1.68	672	APP	88.92	189.5408	52
237A	Douglas	AZ KCDQ	31.36889	109 5292	3	15	LIC	103.54	165.4471	28
239B	Santa Cruz	SO ALLO	31.23278	110 6014	50	150		137.9	213.3172	52
241C	Tucson	AZ KLPX	32.24889	111.1164	100	595	LIC	123.7	269.1174	92
243A	Douglas	AZ KDAPFM	31.355	109.5517	3	9	LIC	104 53	166.7887	28
244B	Nogales	SO ALLO	31.33028	110.945	50	150		150.34	226.1201	52
244B	Nogales	SO XHNGSF	31.31944	110.96	38.4	37	OPE	152.2	226.1724	52
245C2	Willcox	AZ RADD	32.21695	109.6072	50	150	ADD	19.54	108 5026	52
246A	Green Valley	AZ KWFMFM	31.97694	111.1011	1.75	187	LIC	126.73	255.2744	28
247C2	Globe	AZ RDEL	33.29361	110.8358	50	150	DEL	148.87	319 9178	52
247B	Agua Prieta	SO ALLO	31.30667	109.5603	50	150		109.62	167 8387	52
247C2	Globe	AZ KRXSFM	33.29361	110.8358	0.64	1039	LIC	148 87	319.9178	52
248A	Nogales	SO ALLO	31.33028	110.945	3	100		150.34	226.1201	28
248A	Oro Valley	AZ KSZR	32.32917	111.0611	6	93	LIC	118.58	273.3733	28
248A	Nogales	SO XHNOSF	31.33028	110.945	1.61	36	OPE	150.34	226.1201	28
249A	Benson	AZ KAVV	31.99139	110.1725	6	45	LIC	46.73	228.065	28
249A	Cananea	SO ALLO	30.97083	110.3003	3	100		151.9	198.1172	28
249A	Benson	AZ KAVV.C	31.90667	110.4522	6	91	CP	73.44	236.4881	28
249A	Lordsburg	NM KPSAFM	32.34917	108.705	0.25	-41	LIC	103.83	85.00439	28
249A	Cananea	SO XHSEAF	30.98556	110.2903	3	57	OPE	150.05	197.9627	28
250C	Lordsburg	NM KPSAFM	32.49528	108.4919	100	465	APP	125.89	78.29354	92
251A	Patagonia	AZ ALLO	31.55139	110.7458	6	100	VAC	119.73	228.1928	28
251A	Naco	SO ALLO	31.33139	109.9514	3	100		105.36	187.6239	28
252A	Miami	AZ KQSS.C	33.40833	110.8039	6	-69	CP	156.92	323.7728	28
252A	Nogales	AZ KZNO	31.38806	110.9272	0.215	70	LIC	144.68	227.4672	28
252A	Miami	AZ KQSS	33.40833	110.8039	3	-92	LIC	156.92	323.7728	28
252A	Marana	AZ KOHT.A	32.44194	111.0911	6	62	APP	122.61	279.1871	28
252A	Marana	AZ KOHT.A	32.44194	111.0911	6	58	APP	122.61	279.1871	28
252A	Marana	AZ KOHT	32.4525	111.0864	6	56	LIC	122.34	279 7626	28
253A	Vail	AZ KZNO.A	31.9275	110.6325	3.9	125	APP	87.08	244.0283	28
253A	Vail	AZ KZNO.C	31.9275	110.6325	3.9	125	CP	87.08	244.0283	28
253A	Vail	AZ ALLO	31.9275	110.6325	6	100	RSV	87.08	244.0283	28

253B	Agua Prieta	SO XHSAP-	31.30667	109.5603	50	150	OPE	109.62	167	8387	52
255A	San Pedro	SO ALLO	31.23472	110.1842	3	100		120.65	197.	4024	28
256C	Thatcher	AZ KFMM	32.88945	109.3231	50	695	LIC	81.94	33.	17627	92
256A	Nogales	AZ KOFH	31.38861	110.9431	6	51	LIC	145.74	227.	8887	28
258C	Tucson	AZ KIIMFM	32.24889	111.1164	93	621	LIC	123.7	269.	1174	92
260B	Naco	SO ALLO	31.33139	109.9514	50	150		105.36	187.	6239	52
260C	Agua Prieta	SO R---	31.32917	109.5578	100	600	ADD	107.24	167.	4367	92
262C	Globe	AZ KMRR	33.28972	110.8647	90	624	LIC	150.32	319.	0343	92
264C1	Duncan	AZ KJIK	32.88917	109.3222	10	716	LIC	81.96	33.	23383	72
265A	Sierra Vista	AZ KZMK	31.54639	110.2747	3	-14	LIC	92.04	208.	9457	28
267C3	Corona De Tuscon	AZ RADD	31.95667	110.6939	25	100	ADD	91.02	247.	4864	39
267B	Agua Prieta	SO ALLO	31.30667	109.5603	50	150		109.62	167.	8387	52
269A	Sierra Vista	AZ RDEL	31.56639	110.2325	6	100	DEL	88.19	207.	3628	28
269C1	Sierra Vista	AZ KKYZ.A	31.65667	110.4403	51	66	APP	91.03	221	3969	72
269A	Sierra Vista	AZ KKYZ	31.56639	110.2325	3	100	LIC	88.19	207.	3628	28
269C1	Sierra Vista	AZ KKYZ.A	31.73056	110.4694	51	61	APP	87.01	226.	3257	72
269C2	Sierra Vista	AZ KKYZ.C	31.65667	110.4403	50	66	CP	91.03	221.	3969	52
271C1	Oro Valley	AZ KCMT	32.28972	111.0183	100	20	LIC	114.42	271.	2698	72
272B	Cananea	SO ALLO	30.9825	110.3003	50	150		150.67	198.	2682	52
272C1	Clifton	AZ KWRQ	32.88972	109.3239	4.3	690	LIC	81.93	33.	11925	72
274B	Nogales	SO ALLO	31.31944	110.96	50	150		152.2	226.	1724	52
274B	Nogales	SO XHQTFM	31.31944	110.96	9.65	0	OPE	152.2	226.	1724	52
275C1	Bayard	NM KNFTFM	32.8625	108.2414	26	491	LIC	160.65	65.	45601	72
275C1	Bayard	NM KNFTFM	32.86361	108.2408	29	481	CP	160.74	65.	42303	72
276C1	Florence	AZ KCDX	33.29861	110.8411	2 7	932	LIC	149.61	319.	9139	72
276C1	Florence	AZ KCDX.A	32.44056	110.7867	2.15	1266	APP	94 36	281.	6881	72
276C	Florence	AZ KCDX.A	32.77889	110.9628	95	614	APP	122.49	297.	6932	92
276B	Cananea	SO ALLO	30.9825	110.3003	50	150		150.67	198.	2682	52
276C	Florence	AZ ALLO	32.8125	110.9583	100	600	RSV	123.86	299.	3219	92
276C1	Florence	AZ KCDX.A	32.77889	110.9628	95	614	APP	122.49	297.	6932	72
278B	Nogales	SO ALLO	31.32444	110.9464	50	150		150.89	225.	9795	52
278B	Nogales	SO XHRZFM	31.32444	110.9464	3.02	0	OPE	150.89	225.	9795	52
279C3	Lordsburg	NM ALLO	32.34667	108.71	25	100	VAC	103.34	85.	13825	39
280B	Cananea	SO ALLO	30.9825	110.3003	50	150		150.67	198.	2682	52
281A	Tucson	AZ KZPT.C	32.28972	111.0183	3	100	CP	114.42	271.	2698	28
281A	Tucson	AZ KZPT	32.28972	111.0181	3	31	LIC	114.4	271.	2699	28
282B	Nogales	SO ALLO	31.33028	110.945	50	150		150.34	226.	1201	52
283C2	Willcox	AZ RADD	32.21695	109.6072	50	150	ADD	19.54	108.	5026	52
284B	Cananea	SO XHCNEF	30.9825	110.3003	50	150	OPE	150.67	198.	2682	52
284B	Cananea	SO ALLO	30.9825	110.3003	50	150		150.67	198.	2682	52
285C2	Willcox	AZ KWCFXM	32.21695	109.6072	0.73	968	LIC	19.54	108.	5026	52
285C3	Davis-monthan Afb	AZ RADD	32.20167	110.8992	25	100	ADD	103.53	265.	9031	39

286B	Nogales	SO XHNIFM	31.33111	110.9547	25	2	OPE	150.94	226.3907	52
286B	Nogales	SO ALLO	31.33028	110.945	50	150		150.34	226.1201	52
287C2	Kearny	AZ KZLZ	32.82722	110.57	50	150	LIC	94.65	310.854	52
288C1	Hurley	NM KWIM	32.84444	108.2386	23	324	LIC	160.09	66.15227	72
289C3	Lordsburg	NM KWIM.C	32.34667	108.7392	6.3	39	CP	100 61	85.02142	39
290C	Nogales	SO XHNESF	31.31861	110.9581	15.4	453	OPE	152.14	226.0988	92
290C	Nogales	SO ALLO	31.33028	110.945	100	600		150.34	226.1201	92
291C	Fronteras	SO ALLO	30.89972	109.5589	100	600		154.07	171.293	92
291A	Claypool	AZ KIKOFM	33.40639	110.805	6	-85	LIC	156.81	323.6953	28
292C2	Oracle	AZ KGGMG	32.44056	110.7867	0.44	1272	LIC	94.36	281.6881	52
294C	Nogales	SO XHSNFM	31.33083	110.9458	20	150	OPE	150.36	226.158	92
294C	Nogales	SO ALLO	31.33083	110.9458	100	600		150.36	226.158	92
295C	Fronteras	SO ALLO	30.89972	109.5589	100	600		154.07	171.293	92
296A	Pima	AZ ALLO	32.89333	109.8283	6	100	VAC	68.85	358.1055	28
298C	Tucson	AZ KHYT	32.24889	111.1164	92	620	LIC	123 7	269.1174	92
300A	Rio Rico	AZ ALLO	31.4	110.9583	6	100	VAC	145.97	228.6402	28
300B	Agua Prieta	SO ALLO	31.30667	109.5603	50	150		109.62	167.8387	52



Kessler and Gehman Associates, Inc.

EXHIBIT 2

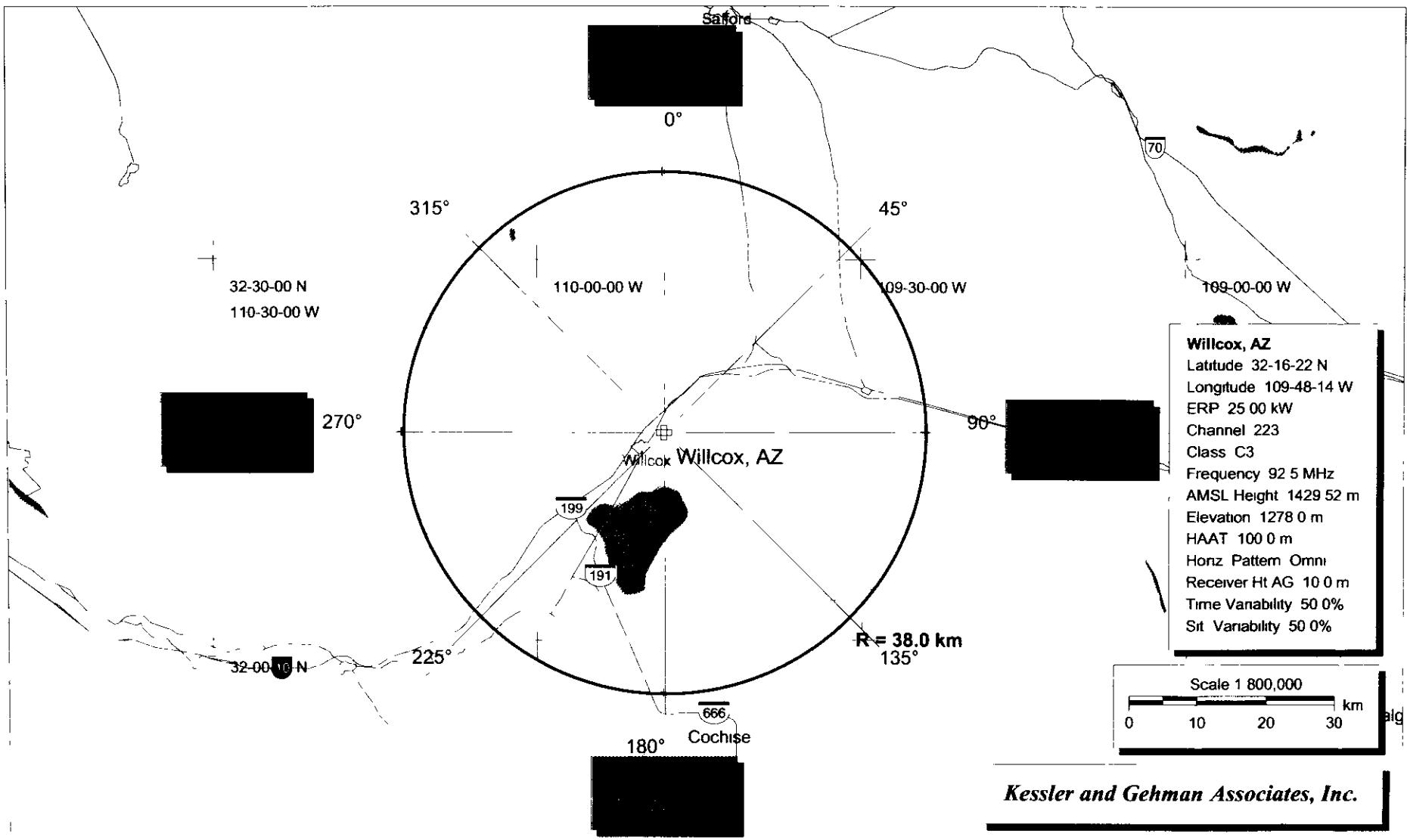


Exhibit 3

Kessler and Gehman Associates, Inc.
Consulting Engineers

CHANNEL PRECLUSION STUDY

WILLCOX, AZ

MINIMUM FACILITY AT ALLOTTED SITE

REFERENCE	Class= C3, Pwr= 24 9267 kW, HAAT= 50 M, COR= 1380 M							DISPLAY DATES
32 16 22 N								DATA 11-08-03
109 48 14 W	Ave F(50-10)	40	dBu= 104 2	54 dBu= 46 7	80 dBu= 9.3 100	dBu= 2 9		SEARCH 11-17-03

CH CITY	CALL STATE	TYPE	AZI. <--	DIST FILE #	LAT. LNG	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
<hr/>										
---	Channel 201	88 1 MHz	---							
201C Douglas	ALLO AZ	VAC	167 0	105.77	31 20 36 109 33 09	100 623	1865 114 2	39.6	-133.12<	-101 09<
201C2 Mammoth	960229 AZ	APP CX	280 7	87.26	32 24 54 110 42 56	0.16	2630 1279	36 2 110.7	Mammoth Educational Founda	-59 52< -66.05<
202A Tucson	960712 AZ	APP VN	236.4	73.53	31 54 19 110 27 08	0 25 285	1561 60.4	39 3 American Educational Broad	1.46	-8.88<
<hr/>										
---	Channel 202	88 3 MHz.	---							
201C Douglas	ALLO AZ	VAC	167 0	105 77	31 20 36 109 33 09	100 623	1865 60.8	39.6	-71.53<	-47.69<
202A Tucson	960712 AZ	APP VN	236 4	73 53	31 54 19 110 27 08	0 25 285	1561 113.8	39 3 American Educational Broad	-32.40<	-62.29<
201C2 Mammoth	960229 AZ	APP CX	280 7	87.26	32 24 54 110 42 56	0.16	2630 1279	36.2 57 0	Mammoth Educational Founda	-12.85< -12 28<
256C Thatcher	KFMM AZ	LIC DCN	33 2	81.94	32 53 22 109 19 23	48.645 661	1980 23.7	22.7 Wick Communications Co.	14.0R	67 9M
<hr/>										
---	Channel 203	88.5 MHz.	---							
203A Tucson	960517 AZ	APP DVX	252 5	98.36	32 00 11 110 47 49	3 87	1090 112 8	38.3 Family Life Broadcasting I	-13.33<	-37.04<
203A	960517	APP DVX	252.5	98.36	32 00 11	1.5	1090	38 3	-2.88<	-33 54<

Tucson	AZ	72 5	BPED19960517MF	110 47 49	87	112.8	Family Life Broadcasting,
202A 960712	APP VN	236.4 73.53		31 54 19	0.25	1561	39.3 1.46 -8.88<
Tucson	AZ	56.4	BPED19960712MA	110 27 08	285	60.4	American Educational Broad
256C KFMM	LIC DCN	33.2 81 94		32 53 22	48.645	1980	22 7 11 0R 70.9M
Thatcher	AZ	213.2	BLH19811120AK	109 19 23	661	23 7	Wick Communications Co.

--- Channel 204 88.7 MHz ---

204B ALLO		241.9 187.62		31 28 00	50	1209	39 2	27.62	-3.71<
Sasabe	SO	61 9 RM9424		111 32 50	51	146 4			
205A 951208	APP VX	296.0 87 68		32 36 56	1.8	1087	37 9 5 97	-0 24<	
Tucson	AZ	116.0 BPED19951208MB		110 38 39	196	58.9	Educational Media Foundati		

--- Channel 205 88.9 MHz. ---

205A 951208	APP VX	296 0 87 68		32 36 56	1.8	1087	37 9	-33.12<	-53.74<
Tucson	AZ	116 0 BPED19951208MB		110 38 39	196	112 4	Educational Media Foundati		
205A ALLO	VAC	167.0 105.77		31 20 36	6	1365	39.6	-24.15<	-39.42<
Douglas	AZ	347.0		109 33 09	123	114.2			

--- Channel 206 89.1 MHz ---

206A KUAZFM	APP CX	267.1 113.46		32 12 53	1.6	963	35 7	-4.27<	-25 49<
Tucson	AZ	87 1 BPED20030304AY		111 00 21	202	110 3	Arizona Board Of Regents F		
205A 951208	APP VX	296.0 87 68		32 36 56	1.8	1087	37.9 5.97	-0 24<	
Tucson	AZ	116.0 BPED19951208MB		110 38 39	196	58.9	Educational Media Foundati		

--- Channel 207 89.3 MHz. ---

208C ALLO		226.1 150.18		31 19 52	100	1868	39 3	-30.36<	-5.74<
Nogales	SO	46.1 RM		110 56 37	695	60.4			

CH	CALL	TYPE	AZI.	DIST	LAT.	Pwr (kW)	COR (M)	PRO (km)	*IN*	*OUT*	Page # 2
CITY		STATE	<--	FILE #	LNG.	HAAT(M)	INT(km)	LICENSEE	(Overlap in km)		

--- Channel 208 89.5 MHz ---

208C	ALLO		226 1	150 18	31 19 52	100	1868	39.3	-92 98<	-59 15<
Nogales		SO	46.1	RM	110 56 37	695	113.8			

--- Channel 209 89 7 MHz ---

208C	ALLO		226.1	150.18	31 19 52	100	1868	39 3	-30 36<	-5.74<
Nogales		SO	46.1	RM	110 56 37	695	60.4			

210C	KCOO.C	CP DEN	320 0	146 95	33 16 56	16	2400	36.5	-7 99<	8 49
Coolidge		AZ	140.0	BPED19990830MA	110 49 12	847	57.3	Living Proof, Inc		

--- Channel 210 89 9 MHz ---

210C	KCOO.C	CP DEN	320 0	146 95	33 16 56	16	2400	36 5	-61.65<	-45.22<
Coolidge		AZ	140 0	BPED19990830MA	110 49 12	847	111.0	Living Proof, Inc.		

210B	ALLO		117 1	176.50	31 32 24	50	1453	22 7	20 33	-14 53<
Los Moscos		CH	297 1		108 08 50	119	130 5			

213C	KUATFM	LIC CN	280 7	87.22	32 24 55	12 5	2634	36.2	43.77	-3 43<
Tucson		AZ	100.7	BLED1402	110 42 54	1287	3.7	Arizona Board Of Regents		

264C1	KJIK	LIC ZC	33.2	81.96	32 53 21	10	2009	22 7	31.0R	51 0M
Duncan		AZ	213.2	BLH20030210AAC	109 19 20	688	23.7	William S Konopnicki		

--- Channel 211 90 1 MHz. ---

211A	KRMB	LIC CN	189.4	88 99	31 28 52	0.047	2203	40.7	-22 83<	-48.43<
Bisbee		AZ	9.4	BLED19970915KB	109 57 30	629	115 4	World Radio Network, Inc.		

211A	ALLO	VAC	167.0	105.77	31 20 36	6	1365	39 6	-24.15<	-39.42<
Douglas		AZ	347.0	RM	109 33 09	123	114 2			

210C	KCOO.C	CP DEN	320.0	146.95	33 16 56	16	2400	36 5	-7 99<	8.49
Coolidge		AZ	140.0	BPED19990830MA	110 49 12	847	57.3	Living Proof, Inc.		

213C	KUATFM	LIC CN	280.7	87.22	32 24 55	12.5	2634	36 2	43.77	-3.43<
Tucson		AZ	100.7	BLED1402	110 42 54	1287	3 7	Arizona Board Of Regents		

264C1	KJIK	LIC ZC	33 2	81.96	32 53 21	10	2009	22.7	11.0R	71 0M
Duncan		AZ	213.2	BLH20030210AAC	109 19 20	688	23 7	William S Konopnicki		

--- Channel 212 90.3 MHz. ---

213C KUATFM Tucson	LIC CN 280.7 87.22 AZ 100.7 BLED1402	32 24 55 110 42 54	12.5 1287	2634 57.0	36 2 Arizona Board Of Regents	-75.77< -56 67<
215C ALLO Safford	VAC 7.5 62.71 AZ 187.5	32 50 00 109 42 57	100 613	1603 2.3	22 7	26.20 -31 88*<

--- Channel 213 90.5 MHz. ---

213C KUATFM Tucson	LIC CN 280.7 87.22 AZ 100.7 BLED1402	32 24 55 110 42 54	12.5 1287	2634 110.7	36 2 Arizona Board Of Regents	-133.65< -110.44<
215C ALLO Safford	VAC 7.5 62.71 AZ 187.5	32 50 00 109 42 57	100 613	1603 2.3	22 7	26.20 -31 88*<

--- Channel 214 90.7 MHz. ---

215C ALLO Safford	VAC 7.5 62.71 AZ 187.5	32 50 00 109 42 57	100 613	1603 35.6	22 7	-97 14< -65 15*<
213C KUATFM Tucson	LIC CN 280.7 87.22 AZ 100.7 BLED1402	32 24 55 110 42 54	12.5 1287	2634 57.0	36.2 Arizona Board Of Regents	-75.77< -56.67<
215C2 KWRB A Sierra Vista	APP VX 189.5 88.80 AZ 9.5 BPED20020515ABA	31 28 58 109 57 29	0 99 608	2175 62.0	40.7 World Radio Network, Inc.	-19.71< -17 99<

--- Channel 215 90.9 MHz. ---

215C ALLO Safford	VAC 7.5 62.71 AZ 187.5	32 50 00 109 42 57	100 613	1603 99.8	22.7	-158.58< -129.38*<
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CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	COR (M) INT (km)	PRO (km) LICENSEE	Page # 3	
									IN	*OUT* (Overlap in km)
215C2 KWRB.A Sierra Vista	APP VX 189.5 88.80 AZ 9.5 BPED20020515ABA	31 28 58 109 57 29	0.99 608	2175 115.4	40.7 World Radio Network, Inc.	-66.80< -71.39<				
215A KWRB Bisbee	LIC CN 189.4 88.99 AZ 9.4 BLED19961217KC	31 28 52 109 57 30	0 058 620	2194 115 4	40.7 World Radio Network, Inc.	-25.28< -49.43<				

213C	KUATFM	LIC	CN	280 7	87 22	32 24 55	12 5	2634	36.2	43.77	-3 43<
Tucson		AZ		100 7	BLED1402	110 42 54	1287	3 7	Arizona Board Of Regents		
269C1	KKYZ.A	APP	ZCX	221 4	91.03	31 39 24	51	1559	39 3	17 0R	74 0M
Sierra Vista		AZ		41 4	BPH20021218ANF	110 26 25	173	44.6	Cochise Broadcasting Llc		
269C2	KKYZ.C	CP	ZCX	221.4	91.03	31 39 24	50	1559	39.3	17 0R	74 0M
Sierra Vista		AZ		41 4	BPH20001023AEO	110 26 25	173	44.6	Cochise Broadcasting, Llc		

--- Channel 216 91.1 MHz. ---

215C	ALLO	VAC		7 5	62 71	32 50 00	100	1603	22 7	-97 14<	-65 15*<
Safford		AZ		187.5		109 42 57	613	35 6			
217C2	KXCI	LIC	DCN	280.7	87.26	32 24 54	0 34	2646	36 2	-23 37<	-19 65<
Tucson		AZ		100 7	BLED19910917KB	110 42 56	1295	57.0	Foundation For Creative Br		
215C2	KWRB A	APP	VX	189 5	88.80	31 28 58	0 99	2175	40.7	-19 71<	-17 99<
Sierra Vista		AZ		9.5	BPED20020515ABA	109 57 29	608	62 0	World Radio Network, Inc		
213C	KUATFM	LIC	CN	280.7	87.22	32 24 55	12.5	2634	36.2	43.77	-3 43<
Tucson		AZ		100 7	BLED1402	110 42 54	1287	3 7	Arizona Board Of Regents		
269C1	KKYZ A	APP	ZCX	221.4	91.03	31 39 24	51	1559	39.3	31.0R	60.0M
Sierra Vista		AZ		41.4	BPH20021218ANF	110 26 25	173	44.6	Cochise Broadcasting Llc		
269C2	KKYZ C	CP	ZCX	221.4	91 03	31 39 24	50	1559	39.3	31.0R	60 0M
Sierra Vista		AZ		41.4	BPH20001023AEO	110 26 25	173	44.6	Cochise Broadcasting, Llc		

--- Channel 217 91.3 MHz. ---

217C2	KXCI	LIC	DCN	280.7	87.26	32 24 54	0.34	2646	36.2	-70.52<	-73.42<
Tucson		AZ		100.7	BLED19910917KB	110 42 56	1295	110.7	Foundation For Creative Br		
215C	ALLO	VAC		7.5	62.71	32 50 00	100	1603	22.7	26.20	-31.88*<
Safford		AZ		187.5		109 42 57	613	2.3			

--- Channel 218 91.5 MHz. ---

215C	ALLO	VAC		7.5	62.71	32 50 00	100	1603	22.7	26.20	-31.88*<
Safford		AZ		187.5		109 42 57	613	2.3			
217C2	KXCI	LIC	DCN	280.7	87.26	32 24 54	0.34	2646	36 2	-23.37<	-19.65<
Tucson		AZ		100 7	BLED19910917KB	110 42 56	1295	57 0	Foundation For Creative Br		

272C1 KWRQ<<	LIC NCX	33.1	81 93	32 53 23	4 3	1977	22.7	24 0R	57 9M
Clifton	AZ	213.1	BLH20020419AAQ	109 19 26	660	23.7	Mcmurray Communications, I		

--- Channel 219 91 7 MHz ---

219A KRMG	LIC CN	163 3	107.10	31 20 52	3	1384	39.6	-4 60<	-28.88<
Douglas	AZ	343.3	BLED19970602KD	109 28 42	81	114.1	World Radio Network, Inc		
220A ALLO	VAC	7 5	62 71	32 50 00	6	1103	22.7	-6 06<	-2.78<
Safford	AZ	187 5		109 42 57	113	35 6			
272C1 KWRQ<<	LIC NCX	33 1	81.93	32 53 23	4 3	1977	22.7	17.0R	64 9M
Clifton	AZ	213 1	BLH20020419AAQ	109 19 26	660	23.7	Mcmurray Communications, I		

--- Channel 220 91 9 MHz ---

220A ALLO	VAC	7.5	62.71	32 50 00	6	1103	22 7	-48.73<	-67 01<
Safford	AZ	187 5		109 42 57	113	99.8			
223C3 ALLO<<	VAC	0.0	0.00	32 16 22	25	1430	22.7	-27.74<	-49 35*<
Willcox	AZ	180.0		109 48 14	158	2 3			
220C2 KVJC	LIC CX	319.9	148.87	33 17 37	0.66	2380	36.5	-2.86<	-7.98<
Globe	AZ	139.9	BLED20030725ACW	110 50 09	754	111.0	Csn International		
221C2 KFMA<<	LIC NCN	252 5	98.36	32 00 11	50	1120	38.3	-12.77<	-8.46<
Green Valley	AZ	72.5	BMLH20000705ACM	110 47 49	117	59.3	Arizona Lotus Corp		

CH	CALL	TYPE	AZI	DIST	LAT.	Pwr(kW)	COR(M)	PRO(km)	Page # 4	
									STATE	<-- FILE #
CITY									(Overlap in km)	

06+2E KUATTW	LT	HN	280 7	87 22	32 24 55	35.5	2652	294.7	To Grd B= -48.25
Tucson	AZ		100 7	BLET232	110 42 54	1305	362.9	Arizona Board Of Regents/u	

Kessler and Gehman Associates, Inc.
Consulting Engineers

CHANNEL PRECLUSION STUDY

WILLCOX, AZ

MAXIMUM FACILITY AT NORTH SITE

REFERENCE	Class= C3, Pwr= 25 kW, HAAT= 100 M, COR= 1759 M								DISPLAY DATES		
32 36 53 N	Average Protected F(50-50)= 39 08 km								DATA 11-08-03		
109 48 14 W	Ave	F(50-10)	40	dBu= 113.6	54	dBu= 60.2	80	dBu= 12.9	100	dBu= 4 1	SEARCH 11-17-03

CH CITY	CALL	TYPE STATE	AZI <--	DIST FILE #	LAT LNG.	Pwr (kW) HAAT (M)	COR (M) INT (km)	PRO (km) LICENSEE	*IN*	*OUT*
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--- Channel 201 88 1 MHz. ---

201C Douglas	ALLO	VAC AZ	170 4 350 4	142.96	31 20 36 109 33 09	100 619	1865 112.7	38 2	-94 24<	-62 25<
201C2 Mammoth	960229	APP CX AZ	255.7 75.7	88.48 BPED19960229MA	32 24 54 110 42 56	0 16 1262	2630 124 8	48 3 Mammoth Educational Founda	-69.98<	-78 66<

--- Channel 202 88.3 MHz. ---

202A Tucson	960712	APP VN AZ	217.9 37.9	99.60 BPED19960712MA	31 54 19 110 27 08	0 25 315	1561 124.2	47 8 American Educational Broad	-17.59<	-47 66<
201C Douglas	ALLO	VAC AZ	170.4 350.4	142.96	31 20 36 109 33 09	100 619	1865 59.1	38.2	-32 70<	-8.73<
201C2 Mammoth	960229	APP CX AZ	255.7 75.7	88 48 BPED19960229MA	32 24 54 110 42 56	0 16 1262	2630 71 4	48 3 Mammoth Educational Founda	-23 37<	-25.26<
256C Thatcher	KFMM	LIC DCN AZ	55 7 235.7	54 39 BLH19811120AK	32 53 22 109 19 23	47 201 727	1980 91.5	76.8 Wick Communications Co.	17 OR	37.4M

--- Channel 203 88 5 MHz ---

203A Tucson	960517	APP DVX AZ	234.2 54.2	115 53 BPED19960517MF	32 00 11 110 47 49	1.5 112	1090 127.6	50.4 Family Life Broadcasting,	-2 71<	-33.83<
203A Tucson	960517	APP DVX AZ	234 2 54 2	115 53 BPED19960517MF	32 00 11 110 47 49	3 112	1090 127 6	50.4 Family Life Broadcasting I	-12 83<	-37.57<
256C	KFMM	LIC DCN	55 7	54.39	32 53 22	47.201	1980	76.8	12.0R	42.4M

Thatcher AZ 235.7 BLH19811120AK 109 19 23 727 91.5 Wick Communications Co

--- Channel 204 88.7 MHz. ---

205A 951208	APP VX	270.3 78 87	32 36 56	1.8	1087	36 9	-3 33<	-8 90<
Tucson	AZ	90 3 BPED19951208MB	110 38 39	209	57.8	Educational Media Foundati		
204B ALLO		232 6 208.14	31 28 00	50	1209	50 3	31.55	-4.47<
Sasabe	SO	52.6 RM9424	111 32 50	76	160 7			

--- Channel 205 88.9 MHz. ---

205A 951208	APP VX	270 3 78 87	32 36 56	1.8	1087	36.9	-42.57<	-62 58<
Tucson	AZ	90.3 BPED19951208MB	110 38 39	209	111.4	Educational Media Foundati		
205A ALLO	VAC	170.4 142 96	31 20 36	6	1365	38 2	15 04	-0 34<
Douglas	AZ	350 4	109 33 09	119	112 7			

--- Channel 206 89.1 MHz. ---

206A KUAZFM	APP CX	248.8 121 45	32 12 53	1.6	963	48 9	-10 65<	-33 48<
Tucson	AZ	68 8 BPED20030304AY	111 00 21	211	125.6	Arizona Board Of Regents F		
206A KUAZFM	LIC CN	257.8 124 54	32 22 21	3	764	47.7	23 58	-12 75<
Tucson	AZ	77.8 BLED19920506KA	111 05 52	-11	124.1	Arizona Board Of Regents		
205A 951208	APP VX	270 3 78.87	32 36 56	1.8	1087	36.9	-3 33<	-8.90<
Tucson	AZ	90 3 BPED19951208MB	110 38 39	209	57.8	Educational Media Foundati		

--- Channel 207 89.3 MHz. ---

208C ALLO		217 3 178 54	31 19 52	100	1868	47.3	-10 33<	12.58
Nogales	SO	37.3 RM	110 56 37	702	70.2			

--- Channel 208 89.5 MHz. ---

208C ALLO		217.3 178 54	31 19 52	100	1868	47.3	-73.04<	-40.86<
Nogales	SO	37.3 RM	110 56 37	702	123.7			

CH	CALL	TYPE	AZI.	DIST	LAT.	Pwr (kW)	COR (M)	PRO (km)	*IN*	*OUT*	Page # 2
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CITY	STATE	<--	FILE #	LNG.	HAAT(M)	INT(km)	LICENSEE	(Overlap in km)
<hr/>								
--- Channel 209 89.7 MHz. ---								
210C KCOO.C Coolidge	CP DEN AZ	308.3 120 45 128.3 BPED19990830MA	33 16 56 110 49 12	16 983	2400 35 6	22.7 Living Proof, Inc	-25 13<	0.60<
208C ALLO Nogales	SO	217 3 178 54 37 3 RM	31 19 52 110 56 37	100 702	1868 70.2	47.3	-10.33<	12.58
<hr/>								
--- Channel 210 89.9 MHz ---								
210C KCOO C Coolidge	CP DEN AZ	308.3 120 45 128.3 BPED19990830MA	33 16 56 110 49 12	16 983	2400 99.8	22.7 Living Proof, Inc.	-80.67<	-63.66<
210B ALLO Los Moscos	CH	127 0 196.64 307 0	31 32 24 108 08 50	50 148	1453 181 1	64.1	-4.88<	-49.25<
213C KUATFM Tucson	LIC CN AZ	255 7 88.42 75 7 BLED1402	32 24 55 110 42 54	12.5 1271	2634 5.3	48 3 Arizona Board Of Regents	32 89	-3 51<
264C1 KJIK Duncan	LIC ZC AZ	55 8 54.44 235 8 BLH20030210AAC	32 53 21 109 19 20	10 753	2009 91.5	76 8 William S. Konopnicki	31 0R	23.4M
<hr/>								
--- Channel 211 90.1 MHz. ---								
210C KCOO C Coolidge	CP DEN AZ	308.3 120.45 128 3 BPED19990830MA	33 16 56 110 49 12	16 983	2400 35 6	22.7 Living Proof, Inc.	-25.13<	0.60<
211A ALLO Globe	VAC AZ	313.8 126 10 133.8	33 23 44 110 47 05	6 239	1357 99.8	22.7	-1 64<	-15 34<
211A KRMB Bisbee	LIC CN AZ	186.6 126 54 6.6 BLED19970915KB	31 28 52 109 57 30	0 047 642	2203 110.0	35.3 World Radio Network, Inc.	19 52	-5.68<
213C KUATFM Tucson	LIC CN AZ	255.7 88.42 75.7 BLED1402	32 24 55 110 42 54	12.5 1271	2634 5.3	48.3 Arizona Board Of Regents	32.89	-3.51<
211A ALLO Douglas	VAC AZ	170.4 142 96 350 4 RM	31 20 36 109 33 09	6 119	1365 112.7	38.2	15 04	-0.34<
264C1 KJIK Duncan	LIC ZC AZ	55.8 54 44 235.8 BLH20030210AAC	32 53 21 109 19 20	10 753	2009 91.5	76.8 William S. Konopnicki	11.0R	43.4M

--- Channel 212 90.3 MHz ---

213C	KUATFM	LIC	CN	255.7	88.42	32 24 55	12 5	2634	48.3	-86 29<	-69.65<
Tucson		AZ		75.7	BLED1402	110 42 54	1271	71 4	Arizona Board Of Regents		
215C	ALLO	VAC		18 7	25 61	32 50 00	100	1603	65.3	-52.97<	-72.47*<
Safford		AZ		198.7		109 42 57	569	7 5			

--- Channel 213 90.5 MHz. ---

213C	KUATFM	LIC	CN	255.7	88 42	32 24 55	12.5	2634	48.3	-143.89<	-123 05<
Tucson		AZ		75 7	BLED1402	110 42 54	1271	124 8	Arizona Board Of Regents		
215C	ALLO	VAC		18 7	25 61	32 50 00	100	1603	65.3	-52.97<	-72.47*<
Safford		AZ		198 7		109 42 57	569	7 5			

--- Channel 214 90.7 MHz. ---

215C	ALLO	VAC		18.7	25.61	32 50 00	100	1603	65.3	-174 64<	-160.71*<
Safford		AZ		198 7		109 42 57	569	95.8			
213C	KUATFM	LIC	CN	255 7	88.42	32 24 55	12 5	2634	48.3	-86.29<	-69 65<
Tucson		AZ		75 7	BLED1402	110 42 54	1271	71.4	Arizona Board Of Regents		

--- Channel 215 90.9 MHz. ---

215C	ALLO	VAC		18 7	25.61	32 50 00	100	1603	65.3	-235 31<	-217.23*<
Safford		AZ		198 7		109 42 57	569	152.3			
215C2	KWRB.A	APP	VX	186 6	126.36	31 28 58	0.99	2175	35.3	-24.48<	-28.86<
Sierra Vista		AZ		6.6	BPED20020515ABA	109 57 29	620	110.0	World Radio Network, Inc.		
215A	KWRB	LIC	CN	186.6	126.54	31 28 52	0.058	2194	35.3	17 04	-6.70<
Bisbee		AZ		6.6	BLED19961217KC	109 57 30	633	110.0	World Radio Network, Inc.		

CH	CALL	TYPE	AZI.	DIST	LAT.	Pwr (kW)	COR (M)	PRO (km)	Page # 3		
									STATE	<--	FILE #

213C	KUATFM	LIC	CN	255.7	88.42	32 24 55	12.5	2634	48.3	32.89	-3.51<

Tucson	AZ	75 7	BLED1402	110 42 54	1271	5 3	Arizona Board Of Regents	
--- Channel 216 91 1 MHz. ---								
215C ALLO Safford	VAC AZ	18.7 198.7	25.61	32 50 00 109 42 57	100 569	1603 95.8	65 3	-174 64< -160 71*<
217C2 KXCI Tucson	LIC DCN AZ	255.7 75.7	88.48 BLED19910917KB	32 24 54 110 42 56	0.34 1278	2646 71 4	48.3 Foundation For Creative Br	-33.86< -32 65<
213C KUATFM Tucson	LIC CN AZ	255.7 75.7	88 42 BLED1402	32 24 55 110 42 54	12 5 1271	2634 5.3	48.3 Arizona Board Of Regents	32.89 -3 51<
217A ALLO Silver City	VAC NM	82.7 262.7	144.12 RM	32 46 12 108 16 41	6 187	1963 111.2	75 2	12.96 -4.80<
--- Channel 217 91 3 MHz. ---								
217C2 KXCI Tucson	LIC DCN AZ	255 7 75.7	88 48 BLED19910917KB	32 24 54 110 42 56	0 34 1278	2646 124 8	48.3 Foundation For Creative Br	-81 01< -86 05<
215C ALLO Safford	VAC AZ	18 7 198.7	25.61	32 50 00 109 42 57	100 569	1603 7 5	65.3	-52.97< -72.47*<
220A ALLO Safford	VAC AZ	18.7 198.7	25 61	32 50 00 109 42 57	6 69	1103 7.5	65 3	-42.03< -5.73<
217A ALLO Silver City	VAC NM	82.7 262 7	144 12 RM	32 46 12 108 16 41	6 187	1963 165.8	75 2	-30.20< -59.42<
--- Channel 218 91 5 MHz. ---								
215C ALLO Safford	VAC AZ	18.7 198.7	25.61	32 50 00 109 42 57	100 569	1603 7.5	65.3	-52.97< -72.47*<
217C2 KXCI Tucson	LIC DCN AZ	255.7 75.7	88 48 BLED19910917KB	32 24 54 110 42 56	0.34 1278	2646 71.4	48.3 Foundation For Creative Br	-33.86< -32.65<
220A ALLO Safford	VAC AZ	18.7 198.7	25.61	32 50 00 109 42 57	6 69	1103 7.5	65 3	-42.03< -5.73<
272C1 KWRQ< Clifton	LIC NCX AZ	55.6 235.6	54 35 BLH20020419AAQ	32 53 23 109 19 26	4 3 727	1977 91.5	76.8 McMurray Communications, I	17.0R 37 4M

217A	ALLO	VAC	82.7	144.12	32	46	12	6	1963	75.2	12.96	-4	80<
Silver City		NM	262	7 RM	108	16	41	187	111	2			

--- Channel 219 91.7 MHz ---

220A	ALLO	VAC	18.7	25.61	32	50	00	6	1103	65.3	-75	89<	-93.96<
Safford		AZ	198	7	109	42	57	69	95.8				

272C1	KWRQ<	LIC NCX	55 6	54 35	32	53	23	4 3	1977	76 8	17.0R	37.4M	
Clifton		AZ	235 6	BLH20020419AAQ	109	19	26	727	91 5	Mcmurray Communications, I			

--- Channel 220 91.9 MHz ---

220A	ALLO	VAC	18.7	25.61	32	50	00	6	1103	65 3	-120.57<	-150.48<
Safford		AZ	198	7	109	42	57	69	152.3			

220C2	KVJC	LIC CX	308.4	122.39	33	17	37	0.66	2380	22.7	-20.29<	-26 56<
Globe		AZ	128 4	BLED20030725ACW	110	50	09	873	99 8	Csn International		

221C2	KFMA<	LIC NCN	234 2	115.53	32	00	11	50	1120	50.4	-11 70<	-9 92<
Green Valley		AZ	54 2	BMLH20000705ACM	110	47	49	142	74 4	Arizona Lotus Corp.		

06+2E	KUATTW	LI	HN	255.7	88.42	32	24	55	35.5	2652	0 0	To Grd B=	-46 72
Tucson		AZ		75.7	BLET232	110	42	54	1289	376 1	Arizona Board Of Regents/u		

Kessler and Gehman Associates, Inc.
Consulting Engineers

CHANNEL PRECLUSION STUDY

WILLCOX, AZ

MAXIMUM FACILITY AT EAST SITE

REFERENCE	Class= C3, Pwr= 25 kW, HAAT= 100 M, COR= 1310 M							DISPLAY DATES	
32 16 20 N	Average Protected F(50-50)= 39.08 km							DATA 11-08-03	
109 23 59 W	Ave	F(50-10)	40	dBu= 113.6	54 dBu= 60	2	80 dBu= 12.9	100 dBu= 4 1	SEARCH 11-17-03

CH	CALL	TYPE	AZI	DIST	LAT	Pwr (kW)	COR (M)	PRO (km)	*IN*	*OUT*
CITY		STATE	<--	FILE #	LNG	HAAT (M)	INT (km)	LICENSEE	(Overlap in km)	

--- Channel 201 88.1 MHz. ---

201C ALLO	VAC	188 0	104.01	31 20 36	100	1865	22 7	-115 93<	-87 37<
Douglas	AZ	8 0		109 33 09	593	99 8			
201C2 960229	APP CX	277.7	124 88	32 24 54	0 16	2630	39 6	-25 69<	-32 09<
Mammoth	AZ	97 7	BPED19960229MA	110 42 56	1298	114.2	Mammoth Educational Founda		

--- Channel 202 88.3 MHz. ---

201C ALLO	VAC	188.0	104 01	31 20 36	100	1865	22.7	-54 87<	-23.12<
Douglas	AZ	8 0		109 33 09	593	35.6			
202A 960712	APP VN	247 9	107.37	31 54 19	0.25	1561	22 7	20.22	-13.65<
Tucson	AZ	67.9	BPED19960712MA	110 27 08	263	99.8	American Educational Broad		
256C KFMM	LIC DCN	6.0	68 82	32 53 22	34.249	1980	52.5	17 OR	51.8M
Thatcher	AZ	186 0	BLH19811120AK	109 19 23	580	59.9	Wick Communications Co		

--- Channel 203 88.5 MHz ---

256C KFMM	LIC DCN	6 0	68 82	32 53 22	34 249	1980	52 5	12.0R	56.8M
Thatcher	AZ	186.0	BLH19811120AK	109 19 23	580	59.9	Wick Communications Co		

--- Channel 204 88.7 MHz. ---

--- Channel 205 88.9 MHz. ---

205A ALLO	VAC	188.0	104.01	31 20 36	6	1365	22.7	-4.06<	-23.13<
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Douglas	AZ	8 0		109 33 09	93	99.8			
205A 951208	APP VX	288.4 123.06		32 36 56	1 8	1087 43.7	-5 66<	-26 55<	
Tucson	AZ	108 4 BPED19951208MB		110 38 39	213	119.3 Educational Media Foundation			
205A ALLO		124.2 143 62		31 32 24	6	1403 45.6	12.88	-5.09<	
Los Moscos	CH	304.2		108 08 50	91	121.6			
 --- Channel 206 89 1 MHz ---									
260C R---	ADD	188 1 105.68		31 19 45	100	1863 22 7	31.0R	74 7M	
Agua Prieta	SO	8.1		109 33 28	605	23 8			
 --- Channel 207 89.3 MHz. ---									
260C R---	ADD	188.1 105 68		31 19 45	100	1863 22.7	11.0R	94 7M	
Agua Prieta	SO	8.1		109 33 28	605	23 8			
 --- Channel 208 89.5 MHz. ---									
208C ALLO		234.8 179 62		31 19 52	100	1868 22.7	-45 20<	-14 65<	
Nogales	SO	54 8 RM		110 56 37	668	99 8			
 --- Channel 209 89 7 MHz. ---									
210B ALLO		124.2 143.62		31 32 24	50	1453 45.6	21.26	-7.78<	
Los Moscos	CH	304.2		108 08 50	141	87.6			
 --- Channel 210 89.9 MHz. ---									
210B ALLO		124.2 143 62		31 32 24	50	1453 45.6	-38 48<	-74.44<	
Los Moscos	CH	304 2		108 08 50	141	154.2			
210C KCOO.C	CP DEN	310.6 173.93		33 16 56	16	2400 48.3	-51 27<	-34.37<	
Coolidge	AZ	130.6 BPED19990830MA		110 49 12	948	124.8 Living Proof, Inc.			
264C1 KJIK	LIC ZC	6.0 68 80		32 53 21	10	2009 52.5	31.0R	37.8M	
Duncan	AZ	186 0 BLH20030210AAC		109 19 20	604	59 9 William S Konopnicki			

CH	CALL	TYPE	AZI.	DIST	LAT.	Pwr (kW)	COR (M)	PRO (km)	Page #	2
									IN	*OUT*

CITY	STATE	<--	FILE #	LNG.	HAAT(M)	INT(km)	LICENSEE	(Overlap in km)
<hr/>								
--- Channel 211 90.1 MHz ---								
211A KRMB Bisbee	LIC CN AZ	211 1 31.1	102.41 BLED19970915KB	31 28 52 109 57 30	0.047 573	2203 99.8	22.7 World Radio Network, Inc	-18 34<
211A ALLO Douglas	VAC AZ	188.0 8 0	104 01 RM	31 20 36 109 33 09	6 93	1365 99.8	22.7 -4 06<	-23 13<
210B ALLO Los Moscos	CH	124 2 304.2	143.62	31 32 24 108 08 50	50 141	1453 87.6	45 6 21.26	-7 78<
264C1 KJIK Duncan	LIC ZC AZ	6.0 186 0	68.80 BLH20030210AAC	32 53 21 109 19 20	10 604	2009 59 9	52.5 William S Konopnicki	12.0R 56 8M
<hr/>								
--- Channel 212 90.3 MHz. ---								
213C KUATFM Tucson	LIC CN AZ	277.7 97.7	124 83 BLED1402	32 24 55 110 42 54	12.5 1308	2634 60.7	39 6 Arizona Board Of Regents	-41 99< -23.13<
215C ALLO Safford	VAC AZ	334.7 154.7	68 94	32 50 00 109 42 57	100 654	1603 5.6	50.9 3 68	-30.55*<
<hr/>								
--- Channel 213 90.5 MHz. ---								
213C KUATFM Tucson	LIC CN AZ	277.7 97.7	124 83 BLED1402	32 24 55 110 42 54	12.5 1308	2634 114 2	39 6 Arizona Board Of Regents	-100.25< -76.57<
215C ALLO Safford	VAC AZ	334.7 154.7	68.94	32 50 00 109 42 57	100 654	1603 5.6	50.9 3.68	-30 55*<
<hr/>								
--- Channel 214 90.7 MHz. ---								
215C ALLO Safford	VAC AZ	334 7 154.7	68.94	32 50 00 109 42 57	100 654	1603 75.2	50.9 -121.20<	-100 13*<
213C KUATFM Tucson	LIC CN AZ	277.7 97.7	124.83 BLED1402	32 24 55 110 42 54	12.5 1308	2634 60.7	39.6 Arizona Board Of Regents	-41.99< -23.13<
<hr/>								
--- Channel 215 90.9 MHz. ---								

215C	ALLO	VAC	334.7	68 94	32 50 00	100	1603	50 9	-183 25<	-153.30*<
Safford		AZ	154.7		109 42 57	654	128.4			
215C2	KWRB.A	APP VX	211.1	102 24	31 28 58	0.99	2175	22 7	-31 49<	-40 15<
Sierra Vista		AZ	31.1	BPED20020515ABA	109 57 29	550	99.8	World Radio Network, Inc.		
215A	KWRB	LIC CN	211 1	102 41	31 28 52	0 058	2194	22 7	8.77	-19.29<
Bisbee		AZ	31 1	BLED19961217KC	109 57 30	564	99.8	World Radio Network, Inc.		

--- Channel 216 91 1 MHz. ---

215C	ALLO	VAC	334.7	68.94	32 50 00	100	1603	50 9	-121.20<	-100 13*<
Safford		AZ	154.7		109 42 57	654	75 2			

--- Channel 217 91 3 MHz. ---

217C2	KXCI	LIC DCN	277 7	124 88	32 24 54	0.34	2646	39 6	-36.67<	-39.44<
Tucson		AZ	97.7	BLED19910917KB	110 42 56	1314	114.2	Foundation For Creative Br		
215C	ALLO	VAC	334.7	68.94	32 50 00	100	1603	50 9	3.68	-30.55*<
Safford		AZ	154.7		109 42 57	654	5 6			
217A	ALLO	VAC	61 9	118.97	32 46 12	6	1963	52 1	-31.55<	-48 35<
Silver City		NM	241.9	RM	108 16 41	181	130 0			

--- Channel 218 91 5 MHz ---

215C	ALLO	VAC	334 7	68.94	32 50 00	100	1603	50 9	3.68	-30.55*<
Safford		AZ	154 7		109 42 57	654	5.6			
272C1	KWRQ<	LIC NCX	5.9	68 85	32 53 23	4 3	1977	52.5	17 0R	51.9M
Clifton		AZ	185.9	BLH20020419AAQ	109 19 26	579	59.9	Mcmurray Communications, I		

CH	CALL	TYPE	AZI.	DIST	LAT.	Pwr (kW)	COR (M)	PRO (km)	*IN*	*OUT*
CITY		STATE	<--	FILE #	LNG	HAAT(M)	INT(km)	LICENSEE	(Overlap in km)	

--- Channel 219 91 7 MHz. ---

219A	KRMC	LIC CN	184.2	102.77	31 20 52	3	1384	22 7	26.82	-10.30<
Douglas		AZ	4.2	BLED19970602KD	109 28 42	10	99.8	World Radio Network, Inc		

220A ALLO VAC 334 7 68.94 32 50 00 6 1103 50.9 -33 79< -40.77<
Safford AZ 154.7 109 42 57 154 75.2

272C1 KWRQ<< LIC NCX 5 9 68.85 32 53 23 4.3 1977 52 5 17.0R 51.9M
Clifton AZ 185.9 BLH20020419AAQ 109 19 26 579 59.9 McMurray Communications, I

--- Channel 220 91 9 MHz ---

220A ALLO VAC 334 7 68 94 32 50 00 6 1103 50.9 -76 79< -93.94<
Safford AZ 154.7 109 42 57 154 128 4

06+2E KUATTW LI HN 277 7 124.83 32 24 55 35 5 2652 298 4 To Grd B= -11 07
Tucson AZ 97.7 BLET232 110 42 54 1326 366 2 Arizona Board Of Regents/u

Kessler and Gehman Associates, Inc.
Consulting Engineers

CHANNEL PRECLUSION STUDY

WILLCOX, AZ

MAXIMUM FACILITY AT SOUTH SITE

REFERENCE	Class= C3, Pwr= 25 kW, HAAT= 100 M, COR= 1449 M	DISPLAY DATES
31 55 51 N	Average Protected F(50-50)= 39 08 km	DATA 11-08-03
109 48 14 W	Ave. F(50-10) 40 dBu= 113.6 54 dBu= 60 2 80 dBu= 12.9 100 dBu= 4 1	SEARCH 11-17-03

CH CITY	CALL STATE	TYPE FILE #	AZI <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	COR (M) INT (km)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*
<hr/>										
---	Channel 201 88 1 MHz	---								
201C Douglas	ALLO AZ	VAC 339.9	159.9	69 37	31 20 36 109 33 09	100 630	1865 115 9	41 0	-171.44<	-139.49*<
201C2 Mammoth	960229 AZ	APP CX 122.3	302 3	101 37 BPED19960229MA	32 24 54 110 42 56	0.16 1032	2630 117.2	42 1 Mammoth Educational Founda	-44.46<	-54 68<
<hr/>										
---	Channel 202 88.3 MHz.	---								
201C Douglas	ALLO AZ	VAC 339 9	159 9	69.37	31 20 36 109 33 09	100 630	1865 62 4	41.0	-109.72<	-86.05*<
202A Tucson	960712 AZ	APP VN 87.5	267.5	61.38 BPED19960712MA	31 54 19 110 27 08	0 25 217	1561 99 8	22.7 American Educational Broad	-21.14<	-57 74<
201C2 Mammoth	960229 AZ	APP CX 122.3	302.3	101 37 BPED19960229MA	32 24 54 110 42 56	0.16 1032	2630 63.7	42.1 Mammoth Educational Founda	0.94<	-1.21<
<hr/>										
---	Channel 203 88.5 MHz.	---								
203A Tucson	960517 AZ	APP DVX 95 2	275 2	94.21 BPED19960517MF	32 00 11 110 47 49	1.5 43	1090 102.2	25 9 Family Life Broadcasting,	19.04<	-21.23<
203A Tucson	960517 AZ	APP DVX 95 2	275.2	94.21 BPED19960517MF	32 00 11 110 47 49	3 43	1090 102 2	25.9 Family Life Broadcasting I	7.57<	-23.74<
203B Arizpe	ALLO SO	190.9	180 82 10.9		30 19 47 110 09 39	50 150	150 135.2	27.0 16.14	16.14	-19.45<
201C ALLO	VAC	159 9	69.37		31 20 36	100	1865	41.0	14.27	-27.91*<

Douglas	AZ	339 9		109 33 09	630	4 3			
--- Channel 204 88.7 MHz ---									
201C ALLO Douglas	VAC AZ	159 9 339.9	69 37	31 20 36 109 33 09	100 630	1865 4 3	41 0	14 27	-27 91*<
205A ALLO Douglas	VAC AZ	159 9 339 9	69 37	31 20 36 109 33 09	6 130	1365 62 4	41.0	-20 29<	-24 92<
--- Channel 205 88.9 MHz. ---									
205A ALLO Douglas	VAC AZ	159 9 339 9	69 37	31 20 36 109 33 09	6 130	1365 115 9	41 0	-63 12<	-78.36<
205A 951208 Tucson	APP VX AZ	314 2 134 2	109 69 BPED19951208MB	32 36 56 110 38 39	1.8 126	1087 121.1	45 1 Educational Media Foundati	-8 33<	-35 30<
--- Channel 206 89.1 MHz ---									
206A KUAZFM Tucson	APP CX AZ	285 9 105 9	117 77 BPED20030304AAY	32 12 53 111 00 21	1.6 187	963 108.1	33 1 Arizona Board Of Regents F	4.43<	-18.03<
205A ALLO Douglas	VAC AZ	159 9 339.9	69 37	31 20 36 109 33 09	6 130	1365 62 4	41.0	-20.29<	-24.92<
260C R--- Agua Prieta	ADD SO	160 7 340.7	70.70	31 19 45 109 33 28	100 640	1863 46.3	40 8	17.0R	53.7M
260B ALLO Naco	SO	191.9 11 9	67.95	31 19 53 109 57 05	50 11	1656 42.7	26.3	17.0R	51.0M
--- Channel 207 89.3 MHz ---									
208C ALLO Nogales	SO	238.6 58.6	126.93 RM	31 19 52 110 56 37	100 669	1868 35.6	22.7	-35 69<	-3.11<
260C R--- Agua Prieta	ADD SO	160.7 340.7	70.70	31 19 45 109 33 28	100 640	1863 46.3	40.8	24.0R	46.7M

CH	CALL	TYPE	AZI.	DIST	LAT	Pwr (kW)	COR (M)	PRO (km)	Page # 2
									IN *OUT*

CITY	STATE	<--	FILE #	LNG.	HAAT(M)	INT(km)	LICENSEE	(Overlap in km)	
260B Naco	ALLO SO	191 9 11 9	67 95	31 19 53 109 57 05	50 11	1656 42 7	26.3	24 0R	44 0M
--- Channel 208 89.5 MHz. ---									
208C Nogales	ALLO SO	238.6 58 6	126.93 RM	31 19 52 110 56 37	100 669	1868 99.8	22.7	-97 94<	-67.37<
--- Channel 209 89.7 MHz. ---									
208C Nogales	ALLO SO	238 6 58 6	126.93 RM	31 19 52 110 56 37	100 669	1868 35 6	22.7	-35 69<	-3.11<
--- Channel 210 89.9 MHz. ---									
210C Coolidge	KCOO C AZ	CP DEN 147 9	177.64 BPED19990830MA	33 16 56 110 49 12	16 843	2400 124.0	47.6 Living Proof, Inc	-41 92<	-27.44<
210B Los Moscos	ALLO CH	105 1 285 1	162.84	31 32 24 108 08 50	50 62	1453 151.0	43.1	-3.67<	-36.76<
211A Bisbee	KRMB AZ	LIC CN 196.3 16 3	51.97 BLED19970915KB	31 28 52 109 57 30	0 047 598	2203 35 8	22.8 World Radio Network, Inc.	-3.23<	-5.29<
211A Douglas	ALLO AZ	VAC 339.9	69.37 RM	31 20 36 109 33 09	6 130	1365 62 4	41.0	-20 29<	-24.92<
--- Channel 211 90.1 MHz. ---									
211A Bisbee	KRMB AZ	LIC CN 196.3 16.3	51.97 BLED19970915KB	31 28 52 109 57 30	0.047 598	2203 99.9	22.8 World Radio Network, Inc	-40 57<	-69.38<
211A Douglas	ALLO AZ	VAC 339.9	69.37 RM	31 20 36 109 33 09	6 130	1365 115 9	41.0	-63.12<	-78 36<
--- Channel 212 90.3 MHz. ---									
213C Tucson	KUATFM AZ	LIC CN 302.4 122.4	101.34 BLED1402	32 24 55 110 42 54	12.5 1036	2634 63.7	42 1 Arizona Board Of Regents	-61.42<	-45.06<

211A KRMB LIC CN 196 3 51.97 31 28 52 0.047 2203 22.8 -3.23< -5 29<
 Bisbee AZ 16 3 BLED19970915KB 109 57 30 598 35.8 World Radio Network, Inc.

211A ALLO VAC 159.9 69 37 31 20 36 6 1365 41 0 -20.29< -24.92<
 Douglas AZ 339 9 RM 109 33 09 130 62.4

--- Channel 213 90.5 MHz. ---

213C KUATFM LIC CN 302.4 101.34 32 24 55 12.5 2634 42.1 -116.22< -98 53<
 Tucson AZ 122.4 BLED1402 110 42 54 1036 117.2 Arizona Board Of Regents

267B ALLO SO 161.6 72 99 31 18 24 50 1419 40.5 17.0R 56.0M
 Agua Prieta 341 6 109 33 37 219 61.8

--- Channel 214 90.7 MHz. ---

215C ALLO VAC 4 7 100.42 32 50 00 100 1603 48.9 -86.03< -64.34<
 Safford AZ 184 7 109 42 57 620 72.2

213C KUATFM LIC CN 302.4 101 34 32 24 55 12 5 2634 42.1 -61.42< -45 06<
 Tucson AZ 122 4 BLED1402 110 42 54 1036 63 7 Arizona Board Of Regents

215C2 KWRB.A APP VX 196 4 51 78 31 28 58 0.99 2175 22.8 -37.65< -27 71<
 Sierra Vista AZ 16.4 BPED20020515ABA 109 57 29 577 35 8 World Radio Network, Inc.

215A KWRB LIC CN 196 3 51 97 31 28 52 0.058 2194 22.8 -4.87< -6.25<
 Bisbee AZ 16.3 BLED19961217KC 109 57 30 589 35.8 World Radio Network, Inc

267B ALLO SO 161.6 72.99 31 18 24 50 1419 40.5 31.0R 42.0M
 Agua Prieta 341.6 109 33 37 219 61.8

--- Channel 215 90.9 MHz. ---

215C ALLO VAC 4 7 100.42 32 50 00 100 1603 48 9 -147.59< -117.70<
 Safford AZ 184 7 109 42 57 620 125.5

CH	CALL	TYPE	AZI.	DIST	LAT.	Pwr (kW)	COR (M)	PRO (km)	Page # 3		
									STATE	<--	FILE #
215C2	KWRB A	APP	VX	196.4	51.78	31 28 58	0 99	2175	22.8	-84.19<	-91.81<

Sierra Vista	AZ	16 4	BPED20020515ABA	109 57 29	577	99 9	World Radio Network, Inc.	
215A KWRB Bisbee	LIC CN AZ	196 3 16.3	51.97 BLED19961217KC	31 28 52 109 57 30	0 058 589	2194 99 9	22 8 World Radio Network, Inc.	-42.95< -70.35<
269C1 KKYZ A Sierra Vista	APP ZCX AZ	250.7 70.7	66.81 BPH20021218ANF	31 43 50 110 28 10	51 135	1558 23.8	22.7 Cochise Broadcasting Llc	12.0R 54.8M
269C1 KKYZ.A Sierra Vista	APP ZCX AZ	243 3 63 3	67 50 BPH20021218ANF	31 39 24 110 26 25	51 216	1559 23.8	22 7 Cochise Broadcasting Llc	12 0R 55.5M
269A KKYZ Sierra Vista	LIC CN AZ	225.1 45 1	57.29 BLH19941005KC	31 33 59 110 13 57	3 185	1449 23.8	22 7 Cochise Broadcasting, Llc	12 0R 45.3M
269A RDEL Sierra Vista	DEL AZ	225.1 45 1	57.29	31 33 59 110 13 57	6 184	1448 23.8	22.7 Cochise Broadcasting, Llc	12.0R 45 3M
269C2 KKYZ C Sierra Vista	CP ZCX AZ	243.3 63 3	67.50 BPH20001023AEO	31 39 24 110 26 25	50 216	1559 23.8	22.7 Cochise Broadcasting, Llc	12.0R 55.5M

--- Channel 216 91 1 MHz ---

215C ALLO Safford	VAC AZ	4.7 184 7	100.42	32 50 00 109 42 57	100 620	1603	48.9	-86 03<	-64.34<
215C2 KWRB A Sierra Vista	APP VX AZ	196.4 16 4	51.78 BPED20020515ABA	31 28 58 109 57 29	0.99 577	2175 35 8	22.8 World Radio Network, Inc	-37.65<	-27.71<
215A KWRB Bisbee	LIC CN AZ	196.3 16.3	51.97 BLED19961217KC	31 28 52 109 57 30	0.058 589	2194 35.8	22.8 World Radio Network, Inc	-4.87<	-6 25<
217C2 KXCI Tucson	LIC DCN AZ	302.3 122 3	101.37 BLED19910917KB	32 24 54 110 42 56	0 34 1048	2646 63.7	42.1 Foundation For Creative Br	-9.47<	-8 68<
269C1 KKYZ.A Sierra Vista	APP ZCX AZ	250.7 70.7	66.81 BPH20021218ANF	31 43 50 110 28 10	51 135	1558 23.8	22.7 Cochise Broadcasting Llc	17.0R 49.8M	
269C1 KKYZ.A Sierra Vista	APP ZCX AZ	243.3 63.3	67 50 BPH20021218ANF	31 39 24 110 26 25	51 216	1559 23.8	22.7 Cochise Broadcasting Llc	17.0R 50.5M	
269A RDEL Sierra Vista	DEL AZ	225.1 45.1	57.29	31 33 59 110 13 57	6 184	1448 23.8	22.7 Cochise Broadcasting, Llc	17.0R 40.3M	
269A KKYZ Sierra Vista	LIC CN AZ	225 1 45.1	57.29 BLH19941005KC	31 33 59 110 13 57	3 185	1449 23.8	22.7 Cochise Broadcasting, Llc	17.0R 40.3M	

269C2	KKYZ C Sierra Vista	CP AZ	ZCX 63 3	243.3 BPH20001023AEO	67.50	31 110	39 26	24 25	50 216	1559 23 8	22 7	17 0R	50 5M
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--- Channel 217 91.3 MHz. ---

217C2	KXCI Tucson	LIC AZ	DCN 122 3	302.3 BLED19910917KB	101.37	32 110	24 42	54 56	0 1048	2646 117 2	42.1	-56.02<	-62 15<
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--- Channel 218 91.5 MHz ---

219A	KRMC Douglas	LIC AZ	CN 334.5	154.5 BLED19970602KD	71.65	31 109	20 28	52 42	3 101	1384 63.9	42.2	-7 44<	-16.64<
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217C2	KXCI Tucson	LIC AZ	DCN 122.3	302.3 BLED19910917KB	101.37	32 110	24 42	54 56	0 1048	2646 63 7	42.1	-9 47<	-8 68<
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--- Channel 219 91.7 MHz ---

219A	KRMC Douglas	LIC AZ	CN 334.5	154.5 BLED19970602KD	71.65	31 109	20 28	52 42	3 101	1384 117 4	42.2	-46 71<	-70.12<
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220A	ALLO Safford	VAC AZ		4.7 184.7	100.42	32 109	50 42	00 57	6 120	1103 72.2	48.9	4.28	-2.52<
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--- Channel 220 91.9 MHz ---

220A	ALLO Safford	VAC AZ		4.7 184.7	100.42	32 109	50 42	00 57	6 120	1103 125.5	48.9	-38.42<	-55.89<
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219A	KRMC Douglas	LIC AZ	CN 334.5	154.5 BLED19970602KD	71.65	31 109	20 28	52 42	3 101	1384 63.9	42.2	-7.44<	-16.64<
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CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG	Pwr (kW) HAAT(M)	COR (M) INT(km)	PRO (km) LICENSEE	Page # 4	
									IN (Overlap in km)	*OUT*

223C3	ALLO< Willcox	VAC AZ	0.0 180 0	37.92	32 109	16 48	22 14	25 158	1430 5 4	49.4	-16.54<	-14.54*<
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06+2E	KUATTW	LI	HN	302.4	101.34	32	24	55	35 5	2652	301.3	To Grd B=	-29.05
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Tucson

AZ

122.4 BLET232

110 42 54 1054

368 9 Arizona Board Of Regents/u

Kessler and Gehman Associates, Inc.
Consulting Engineers

CHANNEL PRECLUSION STUDY

WILLCOX, AZ

MAXIMUM FACILITY AT WEST SITE

REFERENCE	Class= C3, Pwr= 25 kW, HAAT= 100 M, COR= 1470 M	DISPLAY DATES
32 16 20 N	Average Protected F(50-50)= 39.08 km	DATA 11-08-03
110 12 29 W	Ave. F(50-10) 40 dBu= 113.6 54 dBu= 60 2 80 dBu= 12 9 100 dBu= 4.1	SEARCH 11-17-03

CH CITY	CALL STATE	TYPE FILE #	AZI <--	DIST LNG	LAT LNG	Pwr (kW) HAAT(M)	COR (M) INT(km)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*
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--- Channel 201 88 1 MHz. ---

201C2 Mammoth	960229	APP CX AZ	288.6 50 33 108 6 BPED19960229MA	32 24 54 110 42 56	0.16 1190	2630 139.8	58.9 Mammoth Educational Founda	-116 94<	-130 88<
201C Douglas	ALLO	VAC AZ	148 9 120 26 328 9	31 20 36 109 33 09	100 643	1865 109.3	34 6 109.3	-114 92<	-82 55<
202A Tucson	960712	APP VN AZ	209 5 46.76 29.5 BPED19960712MA	31 54 19 110 27 08	0 25 320	1561 83 7	57.1 American Educational Broad	-45 19<	-60.24<

--- Channel 202 88.3 MHz ---

202A Tucson	960712	APP VN AZ	209.5 46.76 29.5 BPED19960712MA	31 54 19 110 27 08	0.25 320	1561 137.2	57.1 American Educational Broad	-80.25<	-113.72<
201C2 Mammoth	960229	APP CX AZ	288.6 50.33 108 6 BPED19960229MA	32 24 54 110 42 56	0.16 1190	2630 86.3	58.9 Mammoth Educational Founda	-70 63<	-77.32<
201C Douglas	ALLO	VAC AZ	148 9 120.26 328.9	31 20 36 109 33 09	100 643	1865 55.2	34.6 55.2	-53.01<	-28.36<
203A Tucson	960517	APP DVX AZ	241 8 63.07 61.8 BPED19960517MF	32 00 11 110 47 49	3 91	1090 87.9	60.1 Family Life Broadcasting I	-31 85<	-48.03<
203A Tucson	960517	APP DVX AZ	241 8 63.07 61.8 BPED19960517MF	32 00 11 110 47 49	1.5 91	1090 87.9	60.1 Family Life Broadcasting,	-25 86<	-44.49<

--- Channel 203 88 5 MHz. ---

203A	960517	APP DVX	241.8 63.07	32 00 11	3	1090	60.1	-71.26<	-102.02<
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Tucson		AZ	61.8	BPED19960517MF	110 47 49	91	141 9	Family Life Broadcasting I		
203A	960517	APP DVX	241.8	63.07	32 00 11	1.5	1090	60 1	-60.88<	-98.48<
Tucson		AZ	61 8	BPED19960517MF	110 47 49	91	141.9	Family Life Broadcasting,		
202A	960712	APP VN	209 5	46.76	31 54 19	0 25	1561	57.1	-45 19<	-60 24<
Tucson		AZ	29.5	BPED19960712MA	110 27 08	320	83 7	American Educational Broad		
203A	960712	APP VN	332.8	127.63	33 17 37	0 024	2377	40 4	14.15	-9.31<
Globe		AZ	152.8	BPED19960712MH	110 50 09	916	115.1	American Ed Broadcast		
201C2	960229	APP CX	288.6	50.33	32 24 54	0 16	2630	58 9	-9 48<	2 12
Mammoth		AZ	108 6	BPED19960229MA	110 42 56	1190	6.8	Mammoth Educational Founda		
204B	ALLO		235.0	155.04	31 28 00	50	1209	61 3	31.47	-4 37<
Sasabe		SO	55 0	RM9424	111 32 50	67	109.6			

--- Channel 204 88.7 MHz. ---

204B	ALLO		235.0	155.04	31 28 00	50	1209	61.3	-30.63<	-71.22<
Sasabe		SO	55.0	RM9424	111 32 50	67	176 5			
205A	951208	APP VX	313.1	55.96	32 36 56	1.8	1087	52 4	-33 03<	-45.73<
Tucson		AZ	133.1	BPED19951208MB	110 38 39	131	77.4	Educational Media Foundati		
203A	960517	APP DVX	241 8	63.07	32 00 11	3	1090	60.1	-31.85<	-48.03<
Tucson		AZ	61 8	BPED19960517MF	110 47 49	91	87 9	Family Life Broadcast		
203A	960517	APP DVX	241.8	63.07	32 00 11	1.5	1090	60.1	-25.86<	-44.49<
Tucson		AZ	61.8	BPED19960517MF	110 47 49	91	87.9	Family Life Broadcast,		
201C2	960229	APP CX	288 6	50.33	32 24 54	0.16	2630	58 9	-9 48<	2.12
Mammoth		AZ	108.6	BPED19960229MA	110 42 56	1190	6 8	Mammoth Educational Founda		
202A	960712	APP VN	209 5	46.76	31 54 19	0.25	1561	57.1	-11.44<	16.93
Tucson		AZ	29.5	BPED19960712MA	110 27 08	320	6.6	American Educational Broad		
258C	KIIMFM	LIC CY	268.5	85 63	32 14 56	93	1385	62.5	17.0R	68.6M
Tucson		AZ	88.5	BLH19850131LP	111 06 59	641	73.5	Citadel Broadcast		

CH CITY	CALL STATE	TYPE	AZI <--	DIST FILE #	LAT. LNG.	Page # 2			
						Pwr (kW) HAAT (M)	COR (M) INT (km)	PRO (km) LICENSEE	*IN* (Overlap in km)

--- Channel 205 88.9 MHz ---

205A	951208	APP	VX	313.1	55.96		32 36 56	1.8	1087	52.4	-70 18<	-98 86<
Tucson		AZ		133.1	BPED19951208MB		110 38 39	131	130.5	Educational Media Foundati		
205A	ALLO	VAC		148.9	120 26		31 20 36	6	1365	34.6	-7 66<	-22 41<
Douglas		AZ		328.9			109 33 09	143	109 3			
206A	KUAZFM	APP	CX	265 3	75.46		32 12 53	1 6	963	62 0	-29 91<	-43.89<
Tucson		AZ		85.3	BPED20030304AAY		111 00 21	203	90.6	Arizona Board Of Regents F		
206A	KUAZFM	LIC	CN	277.8	84.51		32 22 21	3	764	62.4	2 57<	-19.93<
Tucson		AZ		97.8	BLED19920506KA		111 05 52	-23	91.2	Arizona Board Of Regents		
202A	960712	APP	VN	209 5	46 76		31 54 19	0 25	1561	57.1	-11 44<	16.93
Tucson		AZ		29 5	BPED19960712MA		110 27 08	320	6.6	American Educational Broad		
204B	ALLO			235.0	155 04		31 28 00	50	1209	61 3	31 47	-4.37<
Sasabe		SO		55.0	RM9424		111 32 50	67	109.6			
258C	KIIMFM	LIC	CY	268 5	85.63		32 14 56	93	1385	62.5	17.0R	68.6M
Tucson		AZ		88.5	BLH19850131LP		111 06 59	641	73 5	Citadel Broadcasting Compa		

--- Channel 206 89.1 MHz. ---

206A	KUAZFM	APP	CX	265 3	75.46		32 12 53	1.6	963	62.0	-68.67<	-98 81<
Tucson		AZ		85.3	BPED20030304AAY		111 00 21	203	145.5	Arizona Board Of Regents F		
206A	KUAZFM	LIC	CN	277 8	84.51		32 22 21	3	764	62.4	-31 18<	-75.12<
Tucson		AZ		97.8	BLED19920506KA		111 05 52	-23	146.4	Arizona Board Of Regents		
205A	951208	APP	VX	313.1	55.96		32 36 56	1.8	1087	52.4	-33.03<	-45 73<
Tucson		AZ		133.1	BPED19951208MB		110 38 39	131	77.4	Educational Media Foundati		
206B	ALLO			205.4	210.67		30 33 17	50	150	54.7	18.22	-21.15<
Santa Ana		SO		25.4			111 09 15	150	166.8			

--- Channel 207 89.3 MHz. ---

208C	ALLO			213 8	125 49		31 19 52	100	1868	58.9	-74.43<	-56 05<
Nogales		SO		33 8	RM		110 56 37	692	86.2			
206A	KUAZFM	APP	CX	265 3	75.46		32 12 53	1.6	963	62 0	-29.91<	-43.89<
Tucson		AZ		85 3	BPED20030304AAY		111 00 21	203	90.6	Arizona Board Of Regents F		
206A	KUAZFM	LIC	CN	277.8	84 51		32 22 21	3	764	62.4	2 57<	-19 93<

Tucson AZ 97 8 BLED19920506KA 111 05 52 -23 91.2 Arizona Board Of Regents

--- Channel 208 89.5 MHz. ---

208C ALLO Nogales	SO	213 8 125.49 33.8 RM	31 19 52 110 56 37	100 692	1868 139 7	58.9	-137 00<	-109.59<
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--- Channel 209 89.7 MHz. ---

208C ALLO Nogales	SO	213.8 125.49 33.8 RM	31 19 52 110 56 37	100 692	1868 86.2	58 9	-74 43<	-56 05<
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210C KCOO C Coolidge	CP DEN AZ	333 2 125.83 153.2 BPED19990830MA	33 16 56 110 49 12	16 961	2400 61.7	40.4 Living Proof, Inc	-36.84<	-19.66<
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--- Channel 210 89.9 MHz. ---

210C KCOO C Coolidge	CP DEN AZ	333 2 125.83 153 2 BPED19990830MA	33 16 56 110 49 12	16 961	2400 115 1	40 4 Living Proof, Inc.	-92.07<	-73 09<
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213C KUATFM Tucson	LIC CN AZ	288 6 50 29 108 6 BLED1402	32 24 55 110 42 54	12.5 1203	2634 6 8	58.9 Arizona Board Of Regents	-15 85<	-42 16*<
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--- Channel 211 90.1 MHz. ---

211A KRMB Bisbee	LIC CN AZ	164.9 90.85 344 9 BLED19970915KB	31 28 52 109 57 30	0 047 663	2203 107 9	32 9 World Radio Network, Inc.	-14.74<	-39.65<
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210C KCOO.C Coolidge	CP DEN AZ	333 2 125.83 153.2 BPED19990830MA	33 16 56 110 49 12	16 961	2400 61.7	40.4 Living Proof, Inc.	-36.84<	-19 66<
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CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT(M)	COR (M) INT(km)	PRO (km) LICENSEE	Page # 3	
									IN	*OUT* (Overlap in km)
213C KUATFM Tucson	LIC CN AZ	288.6 50.29 108 6 BLED1402		32 24 55 110 42 54	12.5 1203	2634 6 8	58.9 Arizona Board Of Regents	-15.85<	-42.16*<	
211A ALLO Douglas	VAC AZ	148.9 120.26 328.9 RM		31 20 36 109 33 09	6 143	1365 109 3	34 6	-7.66<	-22.41<	

211A	ALLO	VAC	336 8	135 77	33 23 44	6	1357	41 1	4 92	-10 80<
Globe		AZ	156 8		110 47 05	119	115 9			

--- Channel 212 90.3 MHz. ---

213C	KUATFM	LIC	CN	288.6	50 29	32 24 55	12 5	2634	58 9	-133 53<	-121.61*<
Tucson		AZ		108.6	BLED1402	110 42 54	1203	86.3	Arizona Board Of Regents		

215C	ALLO	VAC		36.3	77 52	32 50 00	100	1603	22.7	43 78	-1 63<
Safford		AZ		216 3		109 42 57	361	2 3			

--- Channel 213 90.5 MHz ---

213C	KUATFM	LIC	CN	288.6	50 29	32 24 55	12.5	2634	58 9	-190.00<	-175.16*<
Tucson		AZ		108.6	BLED1402	110 42 54	1203	139.8	Arizona Board Of Regents		

215C	ALLO	VAC		36.3	77.52	32 50 00	100	1603	22.7	43 78	-1 63<
Safford		AZ		216 3		109 42 57	361	2.3			

267C3	RADD	ADD		232.6	57 68	31 57 24	25	1249	61.4	17.0R	40 7M
Corona De Tuscon		AZ		52.6		110 41 38	147	71 9			

--- Channel 214 90.7 MHz ---

213C	KUATFM	LIC	CN	288 6	50.29	32 24 55	12.5	2634	58 9	-133 53<	-121.61*<
Tucson		AZ		108.6	BLED1402	110 42 54	1203	86.3	Arizona Board Of Regents		

215C	ALLO	VAC		36 3	77.52	32 50 00	100	1603	22.7	-58.46<	-34.93<
Safford		AZ		216 3		109 42 57	361	35.6			

215C2	KWRB A	APP	VX	164.9	90.67	31 28 58	0.99	2175	32.9	-11.46<	-8.44<
Sierra Vista		AZ		344.9	BPED20020515ABA	109 57 29	641	53.2	World Radio Network, Inc.		

217C2	KXCI	LIC	DCN	288.6	50 33	32 24 54	0.34	2646	58.9	-9 88<	-5 29<
Tucson		AZ		108.6	BLED19910917KB	110 42 56	1206	6.8	Foundation For Creative Br		

267C3	RADD	ADD		232.6	57.68	31 57 24	25	1249	61.4	17.0R	40.7M
Corona De Tuscon		AZ		52.6		110 41 38	147	71 9			

--- Channel 215 90.9 MHz. ---

215C	ALLO	VAC		36 3	77 52	32 50 00	100	1603	22.7	-124.42<	-99.19<
Safford		AZ		216.3		109 42 57	361	99.8			

215C2	KWRB A Sierra Vista	APP VX AZ	164.9 90 67 344 9 BPED20020515ABA	31 28 58 109 57 29	0 99 641	2175 107 9	32.9 World Radio Network, Inc	-58.70< -63 19<
215A	KWRB Bisbee	LIC CN AZ	164 9 90 85 344 9 BLED19961217KC	31 28 52 109 57 30	0 058 654	2194 107.9	32 9 World Radio Network, Inc	-17 25< -40 69<
213C	KUATFM Tucson	LIC CN AZ	288.6 50 29 108.6 BLED1402	32 24 55 110 42 54	12.5 1203	2634 6 8	58 9 Arizona Board Of Regents	-15.85< -42.16*<
217C2	KXCI Tucson	LIC DCN AZ	288.6 50 33 108 6 BLED19910917KB	32 24 54 110 42 56	0 34 1206	2646 6 8	58 9 Foundation For Creative Br	-9 88< -5 29<
215B	ALLO San Francisquito	SO	249 8 213.91 69.8	31 35 30 112 19 30	50 97	748 173 5	59.6 24.17	-16 10<
269C1	KKYZ A Sierra Vista	APP ZCX AZ	202.3 64 94 22.3 BPH20021218ANF	31 43 50 110 28 10	51 -404	1558 60 4	52 9 Cochise Broadcasting Llc	12 0R 52 9M
269C1	KKYZ A Sierra Vista	APP ZCX AZ	197 8 71 70 17.8 BPH20021218ANF	31 39 24 110 26 25	51 -11	1559 56 1	49.7 Cochise Broadcasting Llc	12 0R 59 7M
269C2	KKYZ C Sierra Vista	CP ZCX AZ	197.8 71 70 17.8 BPH20001023AEO	31 39 24 110 26 25	50 -11	1559 56 1	49 7 Cochise Broadcasting, Llc	12.0R 59.7M

--- Channel 216 91.1 MHz. ---

215C	ALLO Safford	VAC AZ	36 3 77.52 216.3	32 50 00 109 42 57	100 361	1603 35 6	22.7 -58.46<	-34 93<
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CH CITY	CALL	TYPE STATE	AZI <--	DIST FILE #	LAT LNG.	Pwr (kW) HAAT (M)	COR (M) INT (km)	PRO (km) LICENSEE	Page # 4	
									IN	*OUT* (Overlap in km)
217C2	KXCI Tucson	LIC DCN AZ	288.6 50.33 108.6 BLED19910917KB	32 24 54 110 42 56	0.34 1206	2646 86 3	58.9 Foundation For Creative Br	-81.03< -84.74<		
213C	KUATFM Tucson	LIC CN AZ	288.6 50 29 108.6 BLED1402	32 24 55 110 42 54	12.5 1203	2634 6 8	58 9 Arizona Board Of Regents	-15.85< -42.16*<		
215C2	KWRB.A Sierra Vista	APP VX AZ	164 9 90.67 344 9 BPED20020515ABA	31 28 58 109 57 29	0.99 641	2175 53 2	32.9 World Radio Network, Inc.	-11.46< -8.44<		
216A	KNOG	LIC CN	212.9 120.50	31 21 33	3	1301	58.5	-14 14< -43.02<		

Nogales	AZ	32.9	BLED19960111KZ	110 53 54	101	139 2	World Radio Network, Inc.		
269C1 KKYZ A Sierra Vista	APP ZCX	202.3	64.94	31 43 50	51	1558	52 9	12.0R	52.9M
	AZ	22.3	BPH20021218ANF	110 28 10	-404	60 4	Cochise Broadcasting Llc		
269C1 KKYZ.A Sierra Vista	APP ZCX	197 8	71.70	31 39 24	51	1559	49.7	12.0R	59.7M
	AZ	17.8	BPH20021218ANF	110 26 25	-11	56 1	Cochise Broadcasting Llc		
269C2 KKYZ.C Sierra Vista	CP ZCX	197.8	71.70	31 39 24	50	1559	49 7	12.0R	59.7M
	AZ	17.8	BPH20001023AEO	110 26 25	-11	56.1	Cochise Broadcasting, Llc		

--- Channel 217 91.3 MHz. ---

217C2 KXCI Tucson	LIC DCN	288 6	50.33	32 24 54	0 34	2646	58 9	-128 15<	-138.29<
	AZ	108.6	BLED19910917KB	110 42 56	1206	139.8	Foundation For Creative Br		
215C ALLO Safford	VAC	36.3	77 52	32 50 00	100	1603	22 7	43.78	-1.63<
	AZ	216 3		109 42 57	361	2 3			
271C1 KCMT< Oro Valley	LIC ZCX	271.7	76 36	32 17 23	94 075	823	62.7	31.0R	45 4M
	AZ	91 7	BLH20021218AML	111 01 06	63	73 8	Arizona Lotus Corp		

--- Channel 218 91.5 MHz. ---

217C2 KXCI Tucson	LIC DCN	288.6	50.33	32 24 54	0.34	2646	58.9	-81 03<	-84 74<
	AZ	108.6	BLED19910917KB	110 42 56	1206	86 3	Foundation For Creative Br		
218C KJZZ Phoenix	LIC CY	304.7	209.94	33 19 58	100	856	54 8	-34 30<	-9 76<
	AZ	124 7	BLED19890728KA	112 03 53	483	134.0	Maricopa County Comm	Coll	
215C ALLO Safford	VAC	36.3	77.52	32 50 00	100	1603	22.7	43.78	-1.63<
	AZ	216.3		109 42 57	361	2 3			
221C2 KFMA< Green Valley	LIC NCN	241.8	63.07	32 00 11	50	1120	60.1	-2.38<	7.94
	AZ	61.8	BMLH20000705ACM	110 47 49	121	7.0	Arizona Lotus Corp.		
271C1 KCMT< Oro Valley	LIC ZCX	271.7	76 36	32 17 23	94.075	823	62.7	17.0R	59.4M
	AZ	91.7	BLH20021218AML	111 01 06	63	73 8	Arizona Lotus Corp.		

--- Channel 219 91.7 MHz. ---

219A KRMC Douglas	LIC CN	146.0	123.62	31 20 52	3	1384	33 9	10 74	-11.21<
	AZ	326 0	BLED19970602KD	109 28 42	117	108.8	World Radio Network, Inc		

217C2 KXCI LIC DCN 288.6 50 33 32 24 54 0.34 2646 58.9 -9.88< -5.29<
Tucson AZ 108.6 BLED19910917KB 110 42 56 1206 6.8 Foundation For Creative Br

221C2 KFMA< LIC NCN 241.8 63.07 32 00 11 50 1120 60.1 -2.38< 7.94
Green Valley AZ 61.8 BMLH20000705ACM 110 47 49 121 7.0 Arizona Lotus Corp.

--- Channel 220 91.9 MHz. ---

220A ALLO VAC 36.3 77.52 32 50 00 6 1103 22.7 -13.46< -38.08<
Safford AZ 216.3 109 42 57 -139 99.8

221C2 KFMA< LIC NCN 241.8 63.07 32 00 11 50 1120 60.1 -70.56< -73.02<
Green Valley AZ 61.8 BMLH20000705ACM 110 47 49 121 87.9 Arizona Lotus Corp.

220C2 KVJC LIC CX 332.8 127.63 33 17 37 0.66 2380 40.4 -34.35< -37.64<
Globe AZ 152.8 BLED20030725ACW 110 50 09 919 115.1 Csn International

217C2 KXCI LIC DCN 288.6 50.33 32 24 54 0.34 2646 58.9 -9.88< -5.29<
Tucson AZ 108.6 BLED19910917KB 110 42 56 1206 6.8 Foundation For Creative Br

223C3 ALLO< VAC 89.8 38.08 32 16 22 25 1430 22.7 10.88 -7.01*<
Willcox AZ 269.8 109 48 14 126 2.3

220C ALLO VAC 273.3 250.31 32 22 27 100 1135 62.8 -11.20< 10.67
Ajo AZ 93.3 112 51 49 614 147.3

CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	Page # 5	
									IN	*OUT* (Overlap in km)
06+2E Tucson	KUAT-TV	LI AZ	HN	288.6 108.6	50.29 BLET232	32 24 55 110 42 54	35.5 1221	2652 392 8	0.0 To Grd B= -83.50	Arizona Board Of Regents/u